

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSBR01-2	SSBR01	Breast Imaging (Breast Screening and Surveillance)	11/28/2021 10:30	A Decade Of Digital Breast Tomosynthesis: How Has It Performed?	Liane	Philpotts
SSBR01-3	SSBR01	Breast Imaging (Breast Screening and Surveillance)	11/28/2021 10:30	Follow-up Study Of Lymph Node Response Induced By M-RNA COVID-19 Vaccination	Alba Cristina	Igual Rouilleault
SSBR01-4	SSBR01	Breast Imaging (Breast Screening and Surveillance)	11/28/2021 10:30	Optimizing The Pairs Of Radiologists That Double-read Screening Mammograms	Jessie	Gommers
SSBR01-6	SSBR01	Breast Imaging (Breast Screening and Surveillance)	11/28/2021 10:30	Digital Breast Tomosynthesis And Digital Mammography Recall Rates And Time Of Day: Was There Improvement During COVID-19?	Grayson	Baird
SSBR02-1	SSBR02	Science Session with Keynote: Breast Imaging (Abbreviated MRI and Advanced Techniques)	11/28/2021 14:30	Keynote Speaker	Sarah	Vinnicombe
SSBR02-3	SSBR02	Science Session with Keynote: Breast Imaging (Abbreviated MRI and Advanced Techniques)	11/28/2021 14:30	Radiomic Features On Breast MRI Predict Upgrade Of DCIS Lesions To Invasive Breast Cancer	Dana	Ataya
SSBR02-5	SSBR02	Science Session with Keynote: Breast Imaging (Abbreviated MRI and Advanced Techniques)	11/28/2021 14:30	Abbreviation Of Breast MRI In A Real-world Scenario: How Relevant Is An Abbreviation Of The Imaging Protocol?	Philipp	Stelzer
SSBR03-1	SSBR03	Breast Imaging (Breast Imaging in Neoadjuvant Chemotherapy)	11/29/2021 9:30	Prediction Of Pathologic Complete Response To Neoadjuvant Chemotherapy In Breast Cancer Using Bi-rads Mri Features	Caroline	Malhaire
SSBR03-6	SSBR03	Breast Imaging (Breast Imaging in Neoadjuvant Chemotherapy)	11/29/2021 9:30	Patients Presenting With Extensive Malignant Microcalcifications; Is Breast Conservation After Neoadjuvant Treatment Feasible?	Ali	Sever
SSBR04-1	SSBR04	Breast Imaging (Advanced Breast Ultrasound)	11/29/2021 15:00	Sentinel Lymph Node Identification In Breast Cancer Patients Using Lymphosonography	Priscilla	Machado
SSBR04-2	SSBR04	Breast Imaging (Advanced Breast Ultrasound)	11/29/2021 15:00	Percutaneous Sonazoid Enhanced Ultrasonography Combined With In Vitro Verification For Detection And Characterization Of Sentinel Lymph Nodes In Early Breast Cancer	Yan	Sun
SSBR04-4	SSBR04	Breast Imaging (Advanced Breast Ultrasound)	11/29/2021 15:00	3D Harmonic And Subharmonic US For Characterizing Breast Lesions: A Multi-center Clinical Trial	Flemming	Forsberg
SSBR04-5	SSBR04	Breast Imaging (Advanced Breast Ultrasound)	11/29/2021 15:00	Artificial Intelligence (AI) System For Automated Triage Of Breast Ultrasound (US) Exams	Linda	Moy
SSBR04-6	SSBR04	Breast Imaging (Advanced Breast Ultrasound)	11/29/2021 15:00	Artificial Intelligence (AI) System Reduces False-Positive Findings In The Interpretation Of Breast Ultrasound (US) Exams	Linda	Moy
SSBR05-1	SSBR05	Science Session with Keynote: Breast Imaging (Breast Density and Risk)	11/30/2021 8:00	Keynote Speaker	Jennifer	Harvey

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSBR05-4	SSBR05	Science Session with Keynote: Breast Imaging (Breast Density and Risk)	11/30/2021 8:00	Assessing Breast Density Using The Standardized Proton Density Fat Fraction Based On Chemical Shift Encoding-based Water-fat Separation	Tabea	Borde
SSBR05-5	SSBR05	Science Session with Keynote: Breast Imaging (Breast Density and Risk)	11/30/2021 8:00	Impact On Risk Categorization With Inclusion Of Mammographic Density In The Tyrer-cuzick Model	Stamatia	Destounis
SSBR05-6	SSBR05	Science Session with Keynote: Breast Imaging (Breast Density and Risk)	11/30/2021 8:00	Denser Or Just Thinner? Mammographic Breast Density Characterization Around The World	Ioannis	Sechopoulos
SSBR06-1	SSBR06	Breast Imaging (Breast Intervention and PET)	11/30/2021 13:30	A New Horizon For Breast Cancer Imaging: First Results Of Simultaneous FAPI-PET/MRI Targeting The Fibroblast Activation Protein	Matthias	Burg
SSBR06-2	SSBR06	Breast Imaging (Breast Intervention and PET)	11/30/2021 13:30	Simultaneous PET-MRI Using 18F-Fluoroethylcholine Can Provide Accurate Diagnosis And Characterization Of Breast Cancer	Paola	Clouser
SSBR06-4	SSBR06	Breast Imaging (Breast Intervention and PET)	11/30/2021 13:30	Value Of 18F-Fluoroethylcholine PET-MRI For Axillary Lymph Node Staging In Breast Cancer Patients	Paola	Clouser
SSBR06-6	SSBR06	Breast Imaging (Breast Intervention and PET)	11/30/2021 13:30	Primary Treatment Of Low Risk Breast Cancers Using Image-Guided Cryoablation: A 6 Year Update Of The ICE3 Trial	Kenneth	Tomkovich
SSBR07-1	SSBR07	Science Session with Keynote: Breast Imaging (CESM and Microwave Imaging)	11/30/2021 15:00	Keynote Speaker: Contrast-Enhanced Mammography—Current Evidence and Challenges	Eva	Fallenberg
SSBR07-2	SSBR07	Science Session with Keynote: Breast Imaging (CESM and Microwave Imaging)	11/30/2021 15:00	Microwave Imaging In Breast Cancer - Results From The First-in-human Trial Of The Wavelia System	Brian	Moloney
SSBR08-1	SSBR08	Science Session with Keynote: Breast Imaging (Breast Diffusion Weighted Imaging)	12/1/2021 9:30	Keynote Speaker	Savannah	Partridge
SSBR08-3	SSBR08	Science Session with Keynote: Breast Imaging (Breast Diffusion Weighted Imaging)	12/1/2021 9:30	Evaluation Of ADC In Regard To Reproducibility And Diagnostic Accuracy As Well As Possible Significance Of Pre - And Post - Contrast Acquisition And Employment Of Different B Values.	Raoul	Varga
SSBR08-6	SSBR08	Science Session with Keynote: Breast Imaging (Breast Diffusion Weighted Imaging)	12/1/2021 9:30	Introduction Of A Bi-RADS Analogous Breast Apparent Diffusion Coefficient (bADC) Category System Derived From A Multicentric Breast MRI Database.	Hubert	Bickel

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SSBR09-2	SSBR09	Breast Imaging (Artificial Intelligence and Radiomics in MRI)	12/1/2021 15:00	Application Of Two Deep Learning Networks For Diagnosis Of Breast Cancer On MRI: Automatic Detection Using Mask R-CNN Followed By Classification Using ResNet50	Yang	Zhang
SSBR09-4	SSBR09	Breast Imaging (Artificial Intelligence and Radiomics in MRI)	12/1/2021 15:00	Triaging Women From MRI To Mammography To Adapt Screening To Changes In Breast Density Using Artificial Intelligence	Bas	van der Velden
SSBR09-5	SSBR09	Breast Imaging (Artificial Intelligence and Radiomics in MRI)	12/1/2021 15:00	AI-Triaging Of Breast MRI For Radiological Review In The Screening Of Women With Extremely Dense Breasts	Kenneth	Gilhuijs
SSBR10-1	SSBR10	Breast Imaging (Artificial Intelligence in Mammography Screening)	12/2/2021 8:00	Reducing False-positive Recalls By Adding Temporal Changes Information To An AI System For Breast Cancer Detection	Pierre	Fillard
SSBR10-2	SSBR10	Breast Imaging (Artificial Intelligence in Mammography Screening)	12/2/2021 8:00	The Potential Of Ai To Reduce Interval Cancer In A Middle Income Country Breast Cancer Screening Program	Erkin	Aribal
SSBR10-4	SSBR10	Breast Imaging (Artificial Intelligence in Mammography Screening)	12/2/2021 8:00	A Benchmarking Study To Evaluate The Performance Of Two Artificial Intelligence Algorithms For Interval Cancer Detection In A UK Breast Screening Setting	Sarah	Hickman
SSBR10-5	SSBR10	Breast Imaging (Artificial Intelligence in Mammography Screening)	12/2/2021 8:00	Deep Learning Predicts Interval And Screen-detected Cancer From Negative Screening Mammograms: A Case-case-control Study In 6369 Women	Lambert	Leong
SSBR10-6	SSBR10	Breast Imaging (Artificial Intelligence in Mammography Screening)	12/2/2021 8:00	I Spy With My AI: The Importance Of Thorough Retrospective Performance Evaluation Prior To AI Implementation.	Gerald	Lip
SSBR11-1	SSBR11	Science Session with Keynote: Breast Imaging (Artificial Intelligence in Digital Breast Tomosynthesis)	12/2/2021 13:30	Keynote Speaker	Emily	Conant
SSBR11-2	SSBR11	Science Session with Keynote: Breast Imaging (Artificial Intelligence in Digital Breast Tomosynthesis)	12/2/2021 13:30	Artificial Intelligence For Digital Breast Tomosynthesis To Detect Breast Cancer: Validation Across Different Patient Populations And Mammography Vendors	Eun Kyung	Park
SSBR11-4	SSBR11	Science Session with Keynote: Breast Imaging (Artificial Intelligence in Digital Breast Tomosynthesis)	12/2/2021 13:30	An AI System For Lesion Detection Using Multi-institutional Digital Breast Tomosynthesis Data	Julia	Goldberg
SSCA01-1	SSCA01	Cardiac (Advanced Imaging in Congenital Heart Disease)	11/28/2021 9:00	Non-contrast Free-breathing Flow-independent Magnetic Resonance Angiography: Assessment Of Thoracic Vasculature In Congenital Heart Disease	Alexander	Isaak

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SSCA01-2	SSCA01	Cardiac (Advanced Imaging in Congenital Heart Disease)	11/28/2021 9:00	Right-left Ventricular Bloodpool T2 Ratio As An Innovative Screening Tool For The Identification Of Left-to-right Shunts In Patients With Dilated Right Ventricle	Tilman	Emrich
SSCA01-3	SSCA01	Cardiac (Advanced Imaging in Congenital Heart Disease)	11/28/2021 9:00	Aortic Stenosis And Aortic Regurgitation Mediate Systolic And Diastolic Reverse Flow In Bicuspid Aortic Valve Patients With Aortic Dilation	Elizabeth	Weiss
SSCA01-5	SSCA01	Cardiac (Advanced Imaging in Congenital Heart Disease)	11/28/2021 9:00	Diffuse Myocardial Fibrotic Remodeling In Hereditary Thoracic Aortic Disorders	Gauri	Karur
SSCA01-6	SSCA01	Cardiac (Advanced Imaging in Congenital Heart Disease)	11/28/2021 9:00	Prevalence Of Venovenous Shunting And High-output State In Fontan - Quantification With 4D Flow MRI	Albert	Hsiao
SSCA02-2	SSCA02	Cardiac (Coronary CT Technical Advancements)	11/28/2021 13:00	Optimal Protocol Selection Methodology To Quantify Coronary Stenosis In Cardiac CT Images	Mojtaba	Zarei
SSCA02-4	SSCA02	Cardiac (Coronary CT Technical Advancements)	11/28/2021 13:00	Relationship Between Max LCBI (4) Of NIRS-IVUS And CT Value Of Coronary Plaque In Coronary Artery Stenosis Lesions.	Daisuke	Kittaka
SSCA02-5	SSCA02	Cardiac (Coronary CT Technical Advancements)	11/28/2021 13:00	Coronary Calcium Scoring With First Generation Dual-source Photon-counting CT And Quantum Technology - Phantom And In-vivo Experience	Matthias	Eberhard
SSCA03-3	SSCA03	Cardiac (Artificial Intelligence in Coronary CT Imaging)	11/29/2021 8:00	Head To Head Comparison Reproducibility And Inter-reader Agreement Of An AI Based Coronary Stenosis Algorithm Vs Level 3 Readers	Elina	Khasanova
SSCA03-5	SSCA03	Cardiac (Artificial Intelligence in Coronary CT Imaging)	11/29/2021 8:00	Deep Learning Plaque Detection In Coronary CTA Using A Hybrid Plaque Model	Michael	Grass
SSCA03-6	SSCA03	Cardiac (Artificial Intelligence in Coronary CT Imaging)	11/29/2021 8:00	Quantification Of Lumen Diameter Within Coronary Artery Stents Using A High Resolution Photon Counting Detector CT And A Deep Convolutional Neural Network Denoising Algorithm	Emily	Koons
SSCA04-1	SSCA04	Cardiac (Cardiac Imaging in the COVID Pandemic)	11/29/2021 15:00	Cardiac MRI In Patients With Prolonged Cardiorespiratory Symptoms After Uncomplicated COVID-19 Infection	Dmitrij	Kravchenko
SSCA04-3	SSCA04	Cardiac (Cardiac Imaging in the COVID Pandemic)	11/29/2021 15:00	Quantifying Incidence And Outcomes In COVID-19 Associated Takotsubo Cardiomyopathy	Brandon	Metra
SSCA04-4	SSCA04	Cardiac (Cardiac Imaging in the COVID Pandemic)	11/29/2021 15:00	Evaluation For Potential Cardiac Involvement In Athletes Recovering From COVID-19 Infection With Cardiac Magnetic Resonance Imaging- Should Cardiac Magnetic Resonance Imaging Be Used As A Screening Tool?	Tugce	Agirlar Trabzonlu

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SSCA04-5	SSCA04	Cardiac (Cardiac Imaging in the COVID Pandemic)	11/29/2021 15:00	Correlation Between Non-contrast Chest CT Findings And Clinical Outcomes In Hospitalized Patients With COVID-19 Pneumonia With Positive PCR For SARS-Cov-2 During The First Wave	Jaime	Verdugo
SSCA04-6	SSCA04	Cardiac (Cardiac Imaging in the COVID Pandemic)	11/29/2021 15:00	Myocardial T2 Value Is The Imaging Biomarker Of Myocardial Involvement In Active COVID-19	Livia	Marchitelli
SSCA05-1	SSCA05	Science Session with Keynote: Cardiac (Clinical Trials in Cardiac Imaging)	11/30/2021 9:30	Keynote Speaker	David	Bluemke
SSCA05-3	SSCA05	Science Session with Keynote: Cardiac (Clinical Trials in Cardiac Imaging)	11/30/2021 9:30	HepatosteatosiS And Atherosclerotic Plaque On Coronary Computed Tomography Angiography	Michelle	Williams
SSCA05-5	SSCA05	Science Session with Keynote: Cardiac (Clinical Trials in Cardiac Imaging)	11/30/2021 9:30	Prognostic Value Of Late Gadolinium Enhancement In Left Ventricular Noncompaction: A Multicenter Study	Wei	Huang
SSCA05-6	SSCA05	Science Session with Keynote: Cardiac (Clinical Trials in Cardiac Imaging)	11/30/2021 9:30	Prediction Of Acute Coronary Syndrome Based On Myocardial Mass At-risk Using Coronary Computed Tomography Angiography	Shant	Malkasian
SSCA06-1	SSCA06	Cardiac (State of the Art Imaging of Cardiomyopathies)	11/30/2021 13:30	Left Atrial Strain Correlates With Severity Of Cardiac Involvement In Fabry's Disease	Tilman	Emrich
SSCA06-2	SSCA06	Cardiac (State of the Art Imaging of Cardiomyopathies)	11/30/2021 13:30	Right Ventricular Involvement Precedes Left Ventricular Phenotypic Changes In Fabry's Disease	Tilman	Emrich
SSCA06-3	SSCA06	Cardiac (State of the Art Imaging of Cardiomyopathies)	11/30/2021 13:30	T1 And T1-RHO Mapping For Early Detection Of Chemotherapy-related Subclinical Cardiac Injury In Patients With Breast Cancer	Satoshi	Higuchi
SSCA06-5	SSCA06	Cardiac (State of the Art Imaging of Cardiomyopathies)	11/30/2021 13:30	Utilization And Prognostic Value Of Cardiac Magnetic Resonance In Patients With Peripartum Cardiomyopathy	Huayan	Xu
SSCA06-6	SSCA06	Cardiac (State of the Art Imaging of Cardiomyopathies)	11/30/2021 13:30	Cardiac MRI Versus FDG-PET For The Detection Of Cardiac Sarcoidosis: A Comparative Diagnostic Test Accuracy Systematic Review And Meta-analysis	Matthew	Aitken
SSCA07-1	SSCA07	Cardiac (Advances in Imaging Pre-TAVR and MVR)	11/30/2021 15:00	Pre-Procedural CTA-based Left And Right Ventricular Longitudinal Strain Provides Superior Prediction Of Mortality Compared To Ejection Fraction In Transcatheter Aortic Valve Replacement	Gilberto	Aquino
SSCA07-2	SSCA07	Cardiac (Advances in Imaging Pre-TAVR and MVR)	11/30/2021 15:00	Feasibility And Comparison Of Resting Full-cycle Ratio And CT Fractional Flow Reserve In Patients With Relevant Aortic Valve Stenosis	Marcel	Langenbach

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SSCA07-3	SSCA07	Cardiac (Advances in Imaging Pre-TAVR and MVR)	11/30/2021 15:00	Pre-Procedural CTA-based Left Atrial Function Independently Predicts Mortality In Transcatheter Aortic Valve Replacement	Gilberto	Aquino
SSCA07-4	SSCA07	Cardiac (Advances in Imaging Pre-TAVR and MVR)	11/30/2021 15:00	High-pitch CT Angiography For TAVR Planning On A Novel Photon Counting Dual-source Scanner - Image Quality And Radiation Dose	Katharina	Rippel
SSCA07-5	SSCA07	Cardiac (Advances in Imaging Pre-TAVR and MVR)	11/30/2021 15:00	Combined Coronary CT-angiography And TAVI-planning For Ruling-out Significant Coronary Artery Disease: Added Value Of Machine-learning Based CT-FFR	Robin	Gohmann
SSCA07-6	SSCA07	Cardiac (Advances in Imaging Pre-TAVR and MVR)	11/30/2021 15:00	Retrospectively Gated Cardiac CT For Predicting Left Ventricular Dysfunction Following Mitral Valve Repair: Comparison With Echocardiography	Prajwal	Reddy
SSCA08-1	SSCA08	Science Session with Keynote: Cardiac (Cardiac MRI Technical Advancements)	12/1/2021 8:00	Keynote Speaker	Michael	Markl
SSCA08-2	SSCA08	Science Session with Keynote: Cardiac (Cardiac MRI Technical Advancements)	12/1/2021 8:00	Multiparametric Cardiac MRI In Acute Myocarditis With Endocardial Myocardial Biopsy: A Verification Of Lake Louise Criteria 2009 And 2018	Shuang	Li
SSCA08-3	SSCA08	Science Session with Keynote: Cardiac (Cardiac MRI Technical Advancements)	12/1/2021 8:00	Free-breathing High Resolution Modified Dixon Steady-state Angiography For The Assessment Of The Thoracic Vasculature In Pediatric Patients With Congenital Heart Disease	Narine	Mesrobian
SSCA08-6	SSCA08	Science Session with Keynote: Cardiac (Cardiac MRI Technical Advancements)	12/1/2021 8:00	Short Fixed Inversion Time Magnetic Resonance Late Gadolinium Enhancement In Infarct Patients With Concomitant Non-ischemic Fibrosis	Malgorzata	Polacin
SSCA09-1	SSCA09	Cardiac (Risk Stratification in Cardiac Imaging)	12/1/2021 13:30	Diagnostic Accuracy And Prognostic Significance Of Coronary Artery Calcification On Contrast-enhanced Versus Non-contrast Chest CT In Relation To Agatston Calcium Scores	Camila	Urzua Fresno
SSCA09-3	SSCA09	Cardiac (Risk Stratification in Cardiac Imaging)	12/1/2021 13:30	Machine Learning For Time-to-Event Analysis In Patients With Suspected Coronary Artery Disease: Increased Long-term Prognostic Value Of Coronary CT Angiography-derived Measures And Clinical Parameters	Maximilian	Bauer
SSCA09-6	SSCA09	Cardiac (Risk Stratification in Cardiac Imaging)	12/1/2021 13:30	Using Machine-learning Based CAD-RADS From Radiological Reports And Non-curated Electronic Medical Records Data For Adverse Cardiac Events Prediction	Marly	van Assen

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SSCA10-1	SSCA10	Cardiac (Scientific Advances in Cardiac Imaging Workflow)	12/2/2021 9:30	AI Vs Manual Cardiac MRI Measurements - Clinical Benchmarking Using Heart Catheterization And Mortality Prediction	Samer	Alabed
SSCA10-2	SSCA10	Cardiac (Scientific Advances in Cardiac Imaging Workflow)	12/2/2021 9:30	Deep Learning Based Automated Coronary Labeling For Structured Reporting Of Coronary CT Angiography	Verena	Brandt
SSCA10-3	SSCA10	Cardiac (Scientific Advances in Cardiac Imaging Workflow)	12/2/2021 9:30	Feasibility And Diagnostic Performance Of A New CCTA-derived And AI-based Fully Automated System For Detection Of Coronary Artery Disease	Verena	Brandt
SSCA10-6	SSCA10	Cardiac (Scientific Advances in Cardiac Imaging Workflow)	12/2/2021 9:30	Fully Automated Deep Learning Based Flow Quantification Of Cardiovascular 2D Phase Contrast MRI: Machine Vs Human Performance	Maurice	Pradella
SSCH01-1	SSCH01	Chest (COVID)	11/28/2021 9:00	The Role Of Chest CT In Phenotyping High Risk COVID-19 Patients	Fatemeh	Darvizeh
SSCH01-2	SSCH01	Chest (COVID)	11/28/2021 9:00	Quantitative Chest CT Combined With Plasma Cytokines Predicts Outcomes In COVID-19 Patients	Emma	Klein
SSCH01-3	SSCH01	Chest (COVID)	11/28/2021 9:00	Chest-CT Derived Pulmonary Hypertension At The Admission Predicts Overall Survival In COVID-19 Patients: Insight From 1461 Consecutive Patients In Italy	Anna	Palmisano
SSCH02-2	SSCH02	Chest (Lung Nodule)	11/28/2021 13:00	Costal Pleura-attached Noncalcified Nodules Newly Seen On Annual Low-dose Ct Screenings	Ye Qing	Zhu
SSCH02-3	SSCH02	Chest (Lung Nodule)	11/28/2021 13:00	Accuracy Of Nodule Volume Measurement For Lung Cancer Screening On A Photon-counting-detector (PCD) CT Scanner	Chelsea	Dunning
SSCH02-5	SSCH02	Chest (Lung Nodule)	11/28/2021 13:00	Learning Curve For CT-guided Percutaneous Transthoracic Core Needle Biopsy In A Tertiary Referral Hospital	Rohee	Park
SSCH02-6	SSCH02	Chest (Lung Nodule)	11/28/2021 13:00	Clinical Significance Of Lung Nodules Seen On Non-targeted CT Scans Of The Upper Lung Zones	Sonali	Lala
SSCH03-1	SSCH03	Science Session with Keynote: Chest (Artificial Intelligence)	11/29/2021 9:30	Keynote Speaker	Chi Wan	Koo
SSCH03-2	SSCH03	Science Session with Keynote: Chest (Artificial Intelligence)	11/29/2021 9:30	Deep Learning Chest Age Estimation From Radiographs Improves Prediction Of Survival In Patients With Lung Cancer	Jakob	Weiss
SSCH03-4	SSCH03	Science Session with Keynote: Chest (Artificial Intelligence)	11/29/2021 9:30	Deep Learning Quantification Of Hepatic Steatosis And Mortality In The National Lung Screening Trial (NLST)	Jakob	Weiss



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SSCH04-1	SSCH04	Science Session with Keynote: Chest (Smoking-Related Lung Disease)	11/30/2021 9:30	Keynote Speaker	Alexander	Bankier
SSCH04-2	SSCH04	Science Session with Keynote: Chest (Smoking-Related Lung Disease)	11/30/2021 9:30	Development And Validation Of A Novel Deep Learning-based Survival Prediction Algorithm On COPD Patients Utilizing Chest Radiographs	Ju	Nam
SSCH04-3	SSCH04	Science Session with Keynote: Chest (Smoking-Related Lung Disease)	11/30/2021 9:30	Parametric Response Mapping Correlation With FEV <sub>1</sub> /FVC In COPD: Influence Of Registration Accuracy And Direction	Silvia	Almeida
SSCH04-4	SSCH04	Science Session with Keynote: Chest (Smoking-Related Lung Disease)	11/30/2021 9:30	CT Findings And Patterns Of Electronic Cigarette Or Vaping Product Use-associated Lung Injury (evali), A Multicenter Cohort Of 160 Cases	Seth	Kligerman
SSCH04-6	SSCH04	Science Session with Keynote: Chest (Smoking-Related Lung Disease)	11/30/2021 9:30	Application Of AI - Based Emphysema Quantification Algorithm On 512 And 1024-matrix Chest CT Images: Variability Demands Standardization	Shadi	Ebrahimian
SSCH05-1	SSCH05	Science Session with Keynote: Chest (Interstitial Lung Disease)	11/30/2021 15:00	Keynote Speaker	Jonathan	Goldin
SSCH05-2	SSCH05	Science Session with Keynote: Chest (Interstitial Lung Disease)	11/30/2021 15:00	A Pattern Based Approach To CT Of Interstitial Lung Disease Can Elevate The Differential Diagnosis Of Non-specialists To Equal That Of Specialist Thoracic Radiologists	Ali	Dhanaliwala
SSCH05-3	SSCH05	Science Session with Keynote: Chest (Interstitial Lung Disease)	11/30/2021 15:00	Antisynthetase Syndrome Related Interstitial Lung Disease: Longitudinal Imaging Findings	Wei	Wu
SSCH05-4	SSCH05	Science Session with Keynote: Chest (Interstitial Lung Disease)	11/30/2021 15:00	AI - Based Lung Features Extraction, Classification, And Quantification In Interstitial Lung Diseases	Shadi	Ebrahimian
SSCH05-6	SSCH05	Science Session with Keynote: Chest (Interstitial Lung Disease)	11/30/2021 15:00	Kurtosis Of Quantitative Evaluation Of Deep Learning-extracted Features To Classify IPF	Hyung	Kim
SSCH06-1	SSCH06	Chest (Advanced Imaging Technology)	12/1/2021 9:30	Free-breathing Radial 3D Fat-suppressed T1-weighted Gradient Echo (R-vibe) Sequence For Assessment Of Pulmonary Lesions: A Prospective Comparison Of CT and MRI	Xu Yang	Zhang
SSCH06-3	SSCH06	Chest (Advanced Imaging Technology)	12/1/2021 9:30	Impact Of Photon Counting CT In Reader Confidence In Diagnosis Of Interstitial Lung Disease	Akitoshi	Inoue
SSCH06-4	SSCH06	Chest (Advanced Imaging Technology)	12/1/2021 9:30	Quantitative CT Analysis Of Ambient Particulate Matter Exposure-associated Multiscale Structure And Function Alteration In Healthy, Asthma, COPD, And IPF Lungs	Jiwoong	Choi



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SSCH06-5	SSCH06	Chest (Advanced Imaging Technology)	12/1/2021 9:30	Magnetic Resonance Imaging Sequences For Interstitial Lung Disease Assessment In Systemic Sclerosis	nicholas	landini
SSCH06-6	SSCH06	Chest (Advanced Imaging Technology)	12/1/2021 9:30	Spectral Detector CT Derived Pulmonary Perfusion Maps And Pulmonary Parenchyma Characteristics For The Automated Diagnosis And Classification Of Pulmonary Hypertension	Roman	Gertz
SSCH07-1	SSCH07	Chest (Vascular)	12/1/2021 15:00	False Lumen Arc Length Is A Predictor For Late Complications In Initially Uncomplicated Type B Aortic Dissection: A Multicenter Study	Joost	Hop
SSCH07-3	SSCH07	Chest (Vascular)	12/1/2021 15:00	Pulmonary Arterial Thrombosis 3 Months After A SARS-Cov2 Infection: Frequency On Dual-Energy CT (DECT) Angiographic Examinations In 55 Patients	Martine	Remy-Jardin
SSCH07-4	SSCH07	Chest (Vascular)	12/1/2021 15:00	Performance Of AI PE Triage On Suboptimal CT Pulmonary Angiography	Shadi	Ebrahimian
SSCH07-5	SSCH07	Chest (Vascular)	12/1/2021 15:00	Racial Disparities In COVID-19 Associated Pulmonary Embolism	Brandon	Metra
SSCH07-6	SSCH07	Chest (Vascular)	12/1/2021 15:00	Non-aneurysmal Non-atherosclerotic Aortic Thrombus (NANAAT): Clinical And CT Imaging Findings In A Symptomatic Cohort	Kaitlin	Marquis
SSCH08-1	SSCH08	Science Session with Keynote: Chest (Lung Cancer Screening)	12/2/2021 8:00	Keynote Speaker	Mark	Hammer
SSCH08-2	SSCH08	Science Session with Keynote: Chest (Lung Cancer Screening)	12/2/2021 8:00	Progression Of Clinical Findings Of Smokers With Bronchiectasis On Baseline Low-dose CT Screening For Lung Cancer	Natthaya	Triphuridet
SSCH08-3	SSCH08	Science Session with Keynote: Chest (Lung Cancer Screening)	12/2/2021 8:00	Lung Cancer Screening And Smoking Cessation: An Opportunity For Community Radiologists To Partner With Behavioral Health Specialists	Grayson	Baird
SSCH08-4	SSCH08	Science Session with Keynote: Chest (Lung Cancer Screening)	12/2/2021 8:00	The Potential Management Impact Of Interval Diagnostic Chest CTs In Lung Cancer Screening Patients	Pegah	Khoshpouri
SSCH08-5	SSCH08	Science Session with Keynote: Chest (Lung Cancer Screening)	12/2/2021 8:00	Lung-rads 1.1: Evaluation Of Pleural Nodules Using The National Lung Screening Trial Dataset	Lydia	Chelala
SSCH09-3	SSCH09	Chest (Thoracic Malignancy)	12/2/2021 13:30	Immune-related Thyroiditis In Patients With Advanced Lung Cancer Treated With Immune-checkpoint Inhibitors: The Incidence, Imaging Features, And Clinical Implications	Hyesun	Park
SSCH10-2	SSCH10	Chest (Advances in Imaging)	12/2/2021 15:00	Prediction Of Lung Malignancy Progression And Survival With Machine Learning Based On Pre-Treatment FDG-PET/CT	John	Sollee

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SSCH10-3	SSCH10	Chest (Advances in Imaging)	12/2/2021 15:00	Can Dual-Energy CT Lung Perfusion Detect Abnormalities At The Level Of Lung Circulation In Systemic Sclerosis (SSc)? Preliminary Experience In 101 Patients	Martine	Remy-Jardin
SSCH10-4	SSCH10	Chest (Advances in Imaging)	12/2/2021 15:00	Diagnosis Of Emphysema In Low-dose CT Screenings For Lung Cancer Screening Using Multiple Instance Transfer Learning	Jordan	Fuhrman
SSCH10-6	SSCH10	Chest (Advances in Imaging)	12/2/2021 15:00	Pulmonary MR Imaging With Ultra-short TE: Capability For Nodule Detection And Lung-RADS Classification Compared With That Of Standard- And Reduced-dose CTs	Yoshiharu	Ohno
SSGI01-1	SSGI01	Gastrointestinal (Colorectal Cancer)	11/28/2021 10:30	Development And External Validation Of A Combined Model Using Radiomics And Radiologist Assessment For Predicting Rectal Cancer Treatment Response On MRI	Natally	Horvat
SSGI01-2	SSGI01	Gastrointestinal (Colorectal Cancer)	11/28/2021 10:30	Diagnostic Accuracy Of MRI For Detecting Tumor Deposits In Staging Of Primary Rectal Cancer	Agatha	Stanek
SSGI01-4	SSGI01	Gastrointestinal (Colorectal Cancer)	11/28/2021 10:30	Convolutional Neural Networks For The Differentiation Of Benign And Premalignant Colorectal Polyps Detected By CT Colonography	Sergio	Grosu
SSGI01-5	SSGI01	Gastrointestinal (Colorectal Cancer)	11/28/2021 10:30	Added Value Of Multiparametric PET/MRI In Staging Of Rectal Cancer	Alexander	Herold
SSGI01-6	SSGI01	Gastrointestinal (Colorectal Cancer)	11/28/2021 10:30	Selecting Candidates For Organ Preserving Strategy Of Rectal Cancer After Neoadjuvant Chemoradiotherapy: Model Development And Validation Integrating Radiomics And Pathomics	Lijuan	Wan
SSGI02-1	SSGI02	Gastrointestinal (Hepatocellular Carcinoma)	11/28/2021 10:30	Clinical-radiological Nomogram For Predicting Early Recurrence Of Early-stage Hepatocellular Carcinomas After Radiofrequency Ablation	Jin	Wang
SSGI02-2	SSGI02	Gastrointestinal (Hepatocellular Carcinoma)	11/28/2021 10:30	Can Radiologic Features Predict Hepatocellular Carcinoma Genetic Subtypes Relevant To Prognosis And Treatment Response?	Xiaoyang	Liu
SSGI02-6	SSGI02	Gastrointestinal (Hepatocellular Carcinoma)	11/28/2021 10:30	A New Proposal For Secondary Surveillance Following Local Ablative Therapy Of HCC: Alternating MRI And CEUS	Sanjay	Bansal
SSGI03-1	SSGI03	Gastrointestinal (Hepatobiliary)	11/28/2021 14:30	Clinical Phenotypic Clustering Of Patients With Intrahepatic Cholangiocarcinoma Highlights Important Prognostic Differences	Qian	Li

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGI03-2	SSGI03	Gastrointestinal (Hepatobiliary)	11/28/2021 14:30	MRI Features Of HCC Histology Subtypes And Combined HCC-cholangiocarcinoma In American And French Cohort	Ali	Serhal
SSGI03-4	SSGI03	Gastrointestinal (Hepatobiliary)	11/28/2021 14:30	Early Sonographic Features Of Gangrenous Cholecystitis: Mucosal Discontinuity And Echogenic Pericholecystic Fat	Justin	Tse
SSGI03-5	SSGI03	Gastrointestinal (Hepatobiliary)	11/28/2021 14:30	Using Nonparametric Bootstrap Method To Evaluate Normative (Reference) Ranges For Biliary System Measurements In Quantitative MRCP	Andrea	Dennis
SSGI03-6	SSGI03	Gastrointestinal (Hepatobiliary)	11/28/2021 14:30	Preoperative CT-body Composition In Patients With Perihilar Cholangiocarcinoma - Specific Body Composition Types In Correlation To Perioperative Morbidity And Outcome	Laura	Segger
SSGI04-1	SSGI04	Gastrointestinal (Esophagus and Stomach)	11/28/2021 14:30	Comparison Of The Accuracy Of 3.0T MRI And CT In Evaluating Resectability Of Locally Advanced Esophageal Squamous Cell Carcinoma	Keke	Zhao
SSGI04-2	SSGI04	Gastrointestinal (Esophagus and Stomach)	11/28/2021 14:30	Accuracy Of CT For Metastatic Lymph Nodes Detection In Gastric Adenocarcinoma	Chiara	Zanon
SSGI04-3	SSGI04	Gastrointestinal (Esophagus and Stomach)	11/28/2021 14:30	The Value Of DWI And DCE-MRI Quantitive Parameters In Predicting HER2 Status Of Gastric Cancer	Xiao	Zhang
SSGI04-4	SSGI04	Gastrointestinal (Esophagus and Stomach)	11/28/2021 14:30	Body Composition, Treatment Tolerance, And Mortality In Patients With Esophageal And Gastric Adenocarcinoma	Mariana	Defreitas
SSGI05-2	SSGI05	Gastrointestinal (Artificial Intelligence - Techniques)	11/29/2021 9:30	Federated Versus Centralized Deep-learning Models For Liver And Tumor Segmentation In Multi-center Hepatic CT Datasets	Guibo	Luo
SSGI05-3	SSGI05	Gastrointestinal (Artificial Intelligence - Techniques)	11/29/2021 9:30	Accelerated T2-weighted MRI Of The Liver At 3T Using Single-Shot Technique With Deep Learning Based Image Reconstruction: Impact On The Image Quality And Lesion Detection	Luke	Giocchio
SSGI05-5	SSGI05	Gastrointestinal (Artificial Intelligence - Techniques)	11/29/2021 9:30	Deep-cleansing: Deep-learning Based Electronic Cleansing In Dual-energy CT Colonography	Guibo	Luo
SSGI05-6	SSGI05	Gastrointestinal (Artificial Intelligence - Techniques)	11/29/2021 9:30	CT-based Deep Learning Towards Early Detection Of Pancreatic Ductal Adenocarcinoma	Natalia	Alves
SSGI06-2	SSGI06	Gastrointestinal (Artificial Intelligence - Clinical Applications)	11/29/2021 9:30	Automatized Quantification Of Hepatic Tumor Load In Gd-EOB MRI - A Deep Learning Model To Support Therapy Response Assessment In Neuroendocrine Liver Metastases	Uli	Fehrenbach

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGI06-3	SSGI06	Gastrointestinal (Artificial Intelligence - Clinical Applications)	11/29/2021 9:30	Machine-learning Based Radiomics To Predict Low-grade Intraductal Papillary Mucinous Neoplasm (IPMN) Of The Pancreas	Azadeh	Tabari
SSGI06-4	SSGI06	Gastrointestinal (Artificial Intelligence - Clinical Applications)	11/29/2021 9:30	AI-Powered Fully-automated Detection Of Pancreatic Ductal Adenocarcinoma (PDA) On Standard-of-care CT Scans	Garima	Suman
SSGI06-5	SSGI06	Gastrointestinal (Artificial Intelligence - Clinical Applications)	11/29/2021 9:30	Deep-learning Based Software For Response Evaluation In Hepatocellular Carcinoma Treatment.	Matt	Kelly
SSGI07-1	SSGI07	Gastrointestinal (Small Bowel)	11/30/2021 8:00	Comparison Of Clinical Outcomes Between Radiological And Endoscopic Strictures In Crohn's Disease: Which Types Of Strictures Require More Attention From Clinician?	Li	Shi
SSGI07-4	SSGI07	Gastrointestinal (Small Bowel)	11/30/2021 8:00	Pilot Prospective Evaluation Of An Oral Dark Borosilicate Contrast Media Using Dual-energy CT In A Multi-institutional Study	Payam	Mohammadinejad
SSGI08-4	SSGI08	Gastrointestinal (Liver Diffuse Disease)	11/30/2021 8:00	Detection Of Hepatic Steatosis On Contrast-enhanced Dual-energy CT: Role And Efficacy Of Virtual Non-contrast CT	Roberta	Catania
SSGI08-5	SSGI08	Gastrointestinal (Liver Diffuse Disease)	11/30/2021 8:00	Synthetic Extracellular Volume Fraction Without Hematocrit Sampling For Hepatic Applications	Narine	Mesropyan
SSGI08-6	SSGI08	Gastrointestinal (Liver Diffuse Disease)	11/30/2021 8:00	Liver Fat Quantification With Ultrasound (UDFF): Validation With MRI (PDF) And Analysis Of Confounding Factors	Reinhard	Kubale
SSGI09-2	SSGI09	Gastrointestinal (Pancreas)	11/30/2021 13:30	Incidentally Detected Pancreatic Duct Dilation On Abdominal Ultrasound: Assessment Of Yield Of Subsequent MRCP	Abraham Fourie	Bezuidenhout
SSGI09-3	SSGI09	Gastrointestinal (Pancreas)	11/30/2021 13:30	Ultrasound Elastography In Pancreatic Transplantation: Normal Values And Its Application In Evaluating Rejection.	Clara	Bassaganyas-Vancells
SSGI09-6	SSGI09	Gastrointestinal (Pancreas)	11/30/2021 13:30	Radiomic Features Of Entropy And Uniformity On CT Imaging Correlate With Pancreatic Fibrosis In Patients With Recurrent Acute And Chronic Pancreatitis	Farhad	Pishgar
SSGI10-1	SSGI10	Gastrointestinal (CT Techniques and Dose Reduction)	11/30/2021 13:30	Influence Of Positive, Neutral And Dark CT Oral Contrast On CT Radiation Dose When Using Automatic Exposure Control In A Phantom Model	Yuxin	Sun

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGI10-2	SSGI10	Gastrointestinal (CT Techniques and Dose Reduction)	11/30/2021 13:30	Sinogram-based Thin Slices Deep Learning Image Reconstruction Technique In Abdominal CT: Image Quantitative And Qualitative Analysis.	Jinjin	Cao
SSGI10-3	SSGI10	Gastrointestinal (CT Techniques and Dose Reduction)	11/30/2021 13:30	Personalized Iodine Contrast Algorithm Enabling Optimal And Reproduceable Liver Enhancement: A Prospective Multicenter Study	Hugues	Brat
SSGI11-1	SSGI11	Gastrointestinal (Quantitative Imaging Techniques)	12/1/2021 9:30	Novel Point-of-care Perfusion Phantom Improves The Reproducibility Of Quantitative DCE-MRI Measurement Of Abdominal Tissues	Martin	Holland
SSGI11-2	SSGI11	Gastrointestinal (Quantitative Imaging Techniques)	12/1/2021 9:30	Quantitative Peritumoral MRI Fingerprinting Improves Machine Learning-based Prediction Of Overall Survival In Patients With Colon Cancer	Azadeh	Tabari
SSGI11-3	SSGI11	Gastrointestinal (Quantitative Imaging Techniques)	12/1/2021 9:30	Fully-automated CT Biomarkers For Type 2 Diabetes Using Deep Learning	Hima	Tallam
SSGI11-5	SSGI11	Gastrointestinal (Quantitative Imaging Techniques)	12/1/2021 9:30	Pre-operative Radiomics Model For Prognostication In Resectable Pancreatic Adenocarcinoma: Multi-institutional Development And External Validation	Gerard	Healy
SSGI11-6	SSGI11	Gastrointestinal (Quantitative Imaging Techniques)	12/1/2021 9:30	Task-specific Shape Radiomic Features Of Mesenteric-portal Axis For Prediction Of Survival Of Patients With Pancreatic Ductal Adenocarcinoma.	Francesca	Rigioli
SSGI12-2	SSGI12	Gastrointestinal (Focal Liver Lesions - Non HCC)	12/1/2021 9:30	Orally Administered Mangoral (Manganese Chloride Tetrahydrate) And Intravenously Administered Gadobenate Dimeglumine For MRI Of Colorectal Liver Metastases - An Intraindividual Comparison	Kohkan	Shamsi
SSGI12-3	SSGI12	Gastrointestinal (Focal Liver Lesions - Non HCC)	12/1/2021 9:30	Survival Prediction In Intrahepatic Cholangiocarcinoma: A Proof Of Concept Study Using Artificial Intelligence For Risk Assessment	Felix	Hahn
SSGI12-4	SSGI12	Gastrointestinal (Focal Liver Lesions - Non HCC)	12/1/2021 9:30	Ceus-based Classification Of Liver Tumors With Deep Learning	Hongyu	Zhou
SSGI12-5	SSGI12	Gastrointestinal (Focal Liver Lesions - Non HCC)	12/1/2021 9:30	Computer-aided Liver Metastases Follow-up Changes Analysis In Cect By Volumetric Deep Learning: A Comparative Study To Linear Recist 1.1	Leo	Joskowicz
SSGI12-6	SSGI12	Gastrointestinal (Focal Liver Lesions - Non HCC)	12/1/2021 9:30	Clinical And Gd-EOB-DTPA-enhanced MR Imaging Features Associated With High Risk Hepatic Adenomas	Justin	Tse

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGI13-2	SSGI13	Gastrointestinal (Dual Energy CT-Applications)	12/1/2021 13:30	Dual-layer Spectral Detector CT For HCC Diagnosis Using LI-RADS Version 2018: Comparison Of Virtual Monoenergetic Images (VMIs) And Conventional Images (CIs)	Jin	Wang
SSGI13-3	SSGI13	Gastrointestinal (Dual Energy CT-Applications)	12/1/2021 13:30	Iodine Quantification In Patients With Clinical Scans On Different Dual-energy CT Scanners: Impact Of Normalization On Inter-scanner Variability	Simon	Lennartz
SSGI13-4	SSGI13	Gastrointestinal (Dual Energy CT-Applications)	12/1/2021 13:30	Influence Of Liver Iron Content And Fibrosis In Inter- And Intra-individual Quantification Of Hepatic Steatosis Using Fast-kilovolt-peak-switching Dual Energy Computed Tomography And Material Decomposition Technique: A Prospective Clinical Study.	Eriko	Yoshizawa
SSGI13-6	SSGI13	Gastrointestinal (Dual Energy CT-Applications)	12/1/2021 13:30	Gallstones Detection On Dual Energy Computerized Tomography (DECT)- Is It Ready For Real-world Use? A Retrospective Observational Study	Shambo	Guha Roy
SSGI14-1	SSGI14	Gastrointestinal (Colon and Appendix)	12/1/2021 15:00	GI Fluoroscopy 2021: What Are We Still Doing? What The Numbers Reveal And Implications For Trainees	David	Disantis
SSGI14-3	SSGI14	Gastrointestinal (Colon and Appendix)	12/1/2021 15:00	Nationwide Estimates Of CT Colonography Utilization: Cross-sectional Survey Results From The 2019 National Health Interview Survey	Anand	Narayan
SSGI14-6	SSGI14	Gastrointestinal (Colon and Appendix)	12/1/2021 15:00	Final Diagnosis And Patient Disposition Following Equivocal Results On 2-mSv CT Vs. Conventional-dose CT In Adolescents And Young Adults With Suspected Appendicitis: A Post Hoc Analysis Of Large Pragmatic Randomized Trial Data	Jungheum	Cho
SSGI15-3	SSGI15	Gastrointestinal (Pancreas Tumor)	12/1/2021 15:00	Systematic Review And Meta-analysis Of Diagnostic Performance Of CT For Assessing Resectability Of Pancreatic Ductal Adenocarcinoma After Neoadjuvant Therapy: Importance Of CT Criteria	Hyun Kyung	Yang
SSGI15-5	SSGI15	Gastrointestinal (Pancreas Tumor)	12/1/2021 15:00	Machine Learning (ML) Model Based On CT Radiomics Signature For Detection Of Pancreatic Ductal Adenocarcinoma (PDA) On Prediagnostic CT Scans	SOVANLAL	MUKHERJEE
SSGI16-1	SSGI16	Gastrointestinal (Dual Energy CT - Techniques)	12/2/2021 8:00	Deep Learning-enabled Single-kV Deluxe Abdominal CT Imaging With Spectral CT Functionalities	Meghan	Lubner

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGI16-2	SSGI16	Gastrointestinal (Dual Energy CT - Techniques)	12/2/2021 8:00	Multireader Assessment Of A Hybrid Dataset Of Real And Simulated Hypoenhancing Liver Lesions In Dual-Energy CT Examinations	Fides	Schwartz
SSGI16-3	SSGI16	Gastrointestinal (Dual Energy CT - Techniques)	12/2/2021 8:00	Contrast-enhanced Abdominal CT With Clinical Photon-counting CT: Assessment Of Image Quality And Comparison With Energy-integrating Detector CT	Kai	Higashigaito
SSGI16-4	SSGI16	Gastrointestinal (Dual Energy CT - Techniques)	12/2/2021 8:00	Comparison Of Conventional And Spectral-based Tagged Stool Cleansing Algorithms At CT Colonography	Sergio	Grosu
SSGI16-6	SSGI16	Gastrointestinal (Dual Energy CT - Techniques)	12/2/2021 8:00	First Fat Material Decomposition In The Liver And The Skeletal Muscle By Dual-layer Spectral-CT: Experimental Validation And Preliminary Results	Isabel	Molwitz
SSGI17-3	SSGI17	Gastrointestinal (MRI Techniques)	12/2/2021 8:00	Respiratory Triggered Diffusion-weighted Imaging With A Single Diffusion Sensitising Gradient To Reduce Image Acquisition Time -a Feasibility Study In The Workup Of Hepatocellular Carcinoma.	Adarsh	Ghosh
SSGI17-5	SSGI17	Gastrointestinal (MRI Techniques)	12/2/2021 8:00	Simultaneous Multislice Diffusion-weighted Imaging Versus Standard Diffusion-weighted Imaging In Whole-body PET/MRI	Felipe	Furtado
SSGI17-6	SSGI17	Gastrointestinal (MRI Techniques)	12/2/2021 8:00	Dynamic Liver MRI During Free Breathing - A Feasibility Study With A Motion Compensated Variable Density Radial Acquisition And A Viewsharing High Pass Filtering Reconstruction	Christoph	Endler
SSGI18-1	SSGI18	Gastrointestinal (Ultrasound)	12/2/2021 11:00	Diagnostic Performance Of Ultrasound Texture Parameters Extracted Using Various Beamforming Sound Speeds In Detecting Hepatic Steatosis	Kibo	Nam
SSGI18-4	SSGI18	Gastrointestinal (Ultrasound)	12/2/2021 11:00	Meta-analysis And Systematic Review Of Contrast-enhanced Ultrasound In Evaluating The Treatment Response After Locoregional Therapy Of Hepatocellular Carcinoma	Esika	Savsani
SSGI19-4	SSGI19	Gastrointestinal (Oncology)	12/2/2021 15:00	Comparison Between Conventional And Volumetric Response Criteria For Assessment Of Clinical Benefit From Systemic Immunotherapy In HCC	Azarakshsh	Baghdadi
SSGI19-5	SSGI19	Gastrointestinal (Oncology)	12/2/2021 15:00	PET/MRI Versus PET/CT, MRI, And CT In The Diagnosis Of Peritoneal Carcinomatosis	Felipe	Furtado



Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGI19-6	SSGI19	Gastrointestinal (Oncology)	12/2/2021 15:00	Targeted Liver Biopsy: Using Logistic Regression Model To Choose Ultrasound Versus CT Guidance	Yarab	Al Bulushi
SSGI20-3	SSGI20	Gastrointestinal (LIRADS)	12/2/2021 15:00	Liver Reporting And Data System (LI-RADS) Major Features: Individual Patient Data Meta-analysis Of Diagnostic Accuracy Studies For Diagnosis Of Hepatocellular Carcinoma	Mustafa	Bashir
SSGI20-5	SSGI20	Gastrointestinal (LIRADS)	12/2/2021 15:00	Factors Affecting The Diagnostic Sensitivity Of Early-stage LI-RADS-5 (LR-5) Hepatocellular Carcinoma By Dynamic Contrast Enhanced Magnetic Resonance Imaging (MRI)	Anum	Aslam
SSGI20-6	SSGI20	Gastrointestinal (LIRADS)	12/2/2021 15:00	Diagnostic Performance and Positive Predict Value For HCC of CEUS and CT/MRI LI-RADS : A Systematic Review And Meta-analysis	Zhengyi	Qin
SSGU01-1	SSGU01	Genitourinary (Pelvis and Prostate)	11/28/2021 14:30	Use Of Contrast-Enhanced Ultrasound To Evaluate Uterine Fibroid Microvascularity Pre And Post Uterine Artery Embolization	Priscilla	Machado
SSGU01-2	SSGU01	Genitourinary (Pelvis and Prostate)	11/28/2021 14:30	Diagnostic Performance Of Ultrasound Algorithms For Evaluation Of Adnexal Masses: ACR-ORADS, GI-RADS, IOTA SR: Which Path Clears The Maze?	Shabnam	Grover
SSGU01-3	SSGU01	Genitourinary (Pelvis and Prostate)	11/28/2021 14:30	A Fully Automated Deep Learning Pipeline For The Detection Of Clinically Significant Prostate Cancer Using Multiparametric MRI	Jason	Cai
SSGU01-4	SSGU01	Genitourinary (Pelvis and Prostate)	11/28/2021 14:30	MRI-targeted Fusion Prostate Biopsy: Impact Of Additional Systematic Cores And Reasons For Missing Clinically Significant Prostate Cancer	Lars	Schimmoller
SSGU01-5	SSGU01	Genitourinary (Pelvis and Prostate)	11/28/2021 14:30	Diagnostic Accuracy And Inter-observer Reliability Of The O-rads Scoring System Amongst Staff Radiologists In North American Academic Clinical Setting	Yeli	Pi
SSGU01-6	SSGU01	Genitourinary (Pelvis and Prostate)	11/28/2021 14:30	The Impact Of CT-based Body Composition On Survival Outcome In Patients Treated With Checkpoint-inhibitors For Genitourinary Cancers	Olga	Solyanik
SSGU02-2	SSGU02	Genitourinary (Kidney)	11/29/2021 9:30	Primary Renal Sarcomas - Imaging Features And Discrimination From Non-sarcoma Renal Tumors	Johannes	Uhlig
SSGU02-6	SSGU02	Genitourinary (Kidney)	11/29/2021 9:30	Non-invasive Characterization Of Racial Histologic Diversity In Small Renal Masses With The MRI Clear Cell Likelihood Score	Louis	Vazquez

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGU03-2	SSGU03	Genitourinary (Prostate I)	11/29/2021 13:30	A Randomized Controlled Trial On The Role Of MRI For Prostate Cancer Screening - Prostate Cancer Secondary Screening In Sapienza - PROSA: Preliminary Results	Emanuele	Messina
SSGU03-5	SSGU03	Genitourinary (Prostate I)	11/29/2021 13:30	Reduction Of Acquisition Time Of T2-weighted Imaging Of The Prostate Using Deep Learning Image Reconstruction	Sebastian	Gassenmaier
SSGU03-6	SSGU03	Genitourinary (Prostate I)	11/29/2021 13:30	Baseline Quantitative Prostate ADC Predicts Pathology And Immunohistochemistry Markers Of Response To Intense Neoadjuvant Androgen Deprivation Therapy In Localized High-risk Prostate Cancer Patients	Fiona	Fennessy
SSGU04-1	SSGU04	Genitourinary (Prostate II)	11/30/2021 15:00	The Cost-effectiveness Of Prostate MRI: Different Biopsy Strategies In Men With Suspected Prostate Cancer	Maarten	de Rooij
SSGU04-2	SSGU04	Genitourinary (Prostate II)	11/30/2021 15:00	Proportion Of Prostate Cancers Diagnosed By Systematic Template Biopsy After Negative Multiparametric MRI And Predictive Clinical Factors Which May Influence Detection	Mohammad	Haroon
SSGU04-3	SSGU04	Genitourinary (Prostate II)	11/30/2021 15:00	Contrast Free Prostate MRI Using Arterial Spin Labelling As Perfusion Imaging Alternative Can Visualize Prostate Cancer As Good As DCE	Matthias	Boschheidgen
SSGU04-4	SSGU04	Genitourinary (Prostate II)	11/30/2021 15:00	The Impact Of <sup>18</sup> F-DCFPyL PET/CT On The Management Of Patients With Recurrent Prostate Cancer: Results Of A Prospective, Multicenter Trial.	Ur	Metser
SSGU04-5	SSGU04	Genitourinary (Prostate II)	11/30/2021 15:00	Validation Of Prostate Tissue Composition Measurement Using Hybrid Multi-dimensional MRI: Agreement With Pathologists' Measures	Aritrick	Chatterjee
SSGU04-6	SSGU04	Genitourinary (Prostate II)	11/30/2021 15:00	Computer-aided Diagnosis Of Prostate Cancer: External Validation Study Of Deep Learning Using Convolutional Neural Networks	Sung Bin	Park
SSGU05-3	SSGU05	Genitourinary (Prostate III)	12/1/2021 8:00	Pivotal Trial Of Magnetic Resonance Imaging-guided Transurethral Ultrasound Ablation In Men With Localized Prostate Cancer: Three-year Follow-up And Multiparametric Magnetic Resonance Imaging Prediction Of Salvage Treatment	Steven	Raman
SSGU05-4	SSGU05	Genitourinary (Prostate III)	12/1/2021 8:00	Development Of A Prostate Cancer Diagnosis Tool With Deep Neural Networks: Explainable Deep Learning Using PI-RADS Imaging Features	Charlie	Hamm

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSGU05-6	SSGU05	Genitourinary (Prostate III)	12/1/2021 8:00	Comprehensive Analysis Of MR-Based Imaging Characteristics Of Prostate Lesions Against PIRADS Assessment Guideline And Correlations With Gleason Scores	Amin	Katouzian
SSGU06-1	SSGU06	Genitourinary (Kidney Function and Adrenal)	12/1/2021 15:00	Risk Of Contrast Media-induced Acute Kidney Injury Following Abdominal Computed Tomography Using Iodixanol 270 And Iobitridol 300 Contrast Media In Hospitalized Old Patients	Seo Young	Park
SSGU06-2	SSGU06	Genitourinary (Kidney Function and Adrenal)	12/1/2021 15:00	Evaluation Of Renal Function In Healthy Volunteers And Patients With Chronic Kidney Disease With Varying Degrees Of Renal Damage By Apt Sequence	Ye	Ju
SSGU06-5	SSGU06	Genitourinary (Kidney Function and Adrenal)	12/1/2021 15:00	Teaching A Machine To Find Adrenal Glands: Novel Machine Learning Model For Adrenal Gland Segmentation And Mass Classification On CT	Cory	Robinson Weiss
SSGU07-1	SSGU07	Genitourinary (Bladder)	12/2/2021 9:30	Bladder Pressure Estimation Using Subharmonic Signal Scattered By Ultrasound Contrast Agents	Kourosh	Kalayeh
SSGU07-2	SSGU07	Genitourinary (Bladder)	12/2/2021 9:30	Detecting Muscle Invasion Of Bladder Cancer Using A Proposed MRI Strategy	Xiangyu	Wang
SSHN01-1	SSHN01	Head and Neck (Thyroid/Parathyroid)	11/28/2021 9:00	Combined Machine Learning And Resting-state FMRI Reveals Aberrant Static And Dynamic Interhemispheric Functional Connectivity In Patients With Thyroid-associated Ophthalmopathy	Qian	Wu
SSHN01-2	SSHN01	Head and Neck (Thyroid/Parathyroid)	11/28/2021 9:00	Papillary Thyroid Cancer At Dual-energy CT: Iodine Maps Based Radiomics To Predict Extrathyroidal Extension And Recurrence	Qian	Wu
SSHN01-6	SSHN01	Head and Neck (Thyroid/Parathyroid)	11/28/2021 9:00	Could Parathyroid Gland Assessment On Routine CT Prevent Morbidity From Undiagnosed Primary Hyperparathyroidism?	Christopher	Nguyen
SSHN02-1	SSHN02	Science Session with Keynote: Head and Neck (Head and Neck Cancer)	11/29/2021 8:00	Keynote Speaker	Ashley	Aiken
SSHN02-3	SSHN02	Science Session with Keynote: Head and Neck (Head and Neck Cancer)	11/29/2021 8:00	Combining CT Radiomic And Pathomic Features From H&E Tissue Images For Prognosticating Outcome In P16+ Oropharyngeal Squamous Cell Carcinoma	Bolin	Song
SSHN02-5	SSHN02	Science Session with Keynote: Head and Neck (Head and Neck Cancer)	11/29/2021 8:00	The Impact Of Surveillance Imaging On Mortality For Head And Neck Squamous Cell Carcinoma (hnscc): The Analysis Of The State Cancer Registry And All-payer Claims Data	Yoshimi	Anzai

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSHNO3-3	SSHNO3	Head and Neck (Head and Neck Potpourri)	12/1/2021 8:00	Establishment And Validation Of Cervical Vertebrae Muscle Wasting As A Marker Of Sarcopenia For Patients With Head And Neck Cancer	Brennan	Olson
SSHNO3-4	SSHNO3	Head and Neck (Head and Neck Potpourri)	12/1/2021 8:00	Post-COVID Fungal Rhinosinusitis Creating Havoc!!! From Radiologists' Perspective	Srijit	Saha
SSHNO3-5	SSHNO3	Head and Neck (Head and Neck Potpourri)	12/1/2021 8:00	Dose-efficient Temporal Bone Imaging Using High-resolution Photon-counting Detector (PCD) CT	Kishore	Rajendran
SSHNO3-6	SSHNO3	Head and Neck (Head and Neck Potpourri)	12/1/2021 8:00	Impact Of Acceleration On Bone Depiction Quality By Ultrashort Echo Time Magnetic Resonance Bone Imaging Sequences In Medication-related Osteonecrosis Of The Jaw	Jonas	Getzmann
SSINO1-1	SSINO1	Science Session with Keynote: Informatics (Radiology Around the Enterprise)	11/28/2021 10:30	Keynote Speaker	Alex	Towbin
SSINO1-2	SSINO1	Science Session with Keynote: Informatics (Radiology Around the Enterprise)	11/28/2021 10:30	Impact Of AI-assisted Indication Selection On Appropriateness Order Scoring Using A Commercial Imaging Clinical Decision Support System	Lauren	Shreve
SSINO1-3	SSINO1	Science Session with Keynote: Informatics (Radiology Around the Enterprise)	11/28/2021 10:30	Clinical Study Distribution Using Reinforcement Learning	Sun Young	Park
SSINO1-4	SSINO1	Science Session with Keynote: Informatics (Radiology Around the Enterprise)	11/28/2021 10:30	Clinical Decision Support For CT Ordering In Pediatric Imaging: Results From A Quaternary Care Pediatric Hospital	Andrew	Sher
SSINO1-5	SSINO1	Science Session with Keynote: Informatics (Radiology Around the Enterprise)	11/28/2021 10:30	Commercial Artificial Intelligence Solutions For Radiology: A Market Update	Kicky	van Leeuwen
SSINO1-6	SSINO1	Science Session with Keynote: Informatics (Radiology Around the Enterprise)	11/28/2021 10:30	Patient Image Access Through Electronic Health Record Patient Portals: A Multi-institutional Experience	Hailey	Choi
SSINO2-1	SSINO2	Science Session with Keynote: Informatics (Natural Language Processing and Reporting)	11/29/2021 9:30	Keynote Speaker	Marta	Heilbrun
SSINO2-2	SSINO2	Science Session with Keynote: Informatics (Natural Language Processing and Reporting)	11/29/2021 9:30	Quantifying The Impact Of Structured Reporting On The Report Review Process And Turnaround Times Of Resident Reports In Neuroradiology	Jan	Vosshenrich
SSINO2-3	SSINO2	Science Session with Keynote: Informatics (Natural Language Processing and Reporting)	11/29/2021 9:30	Using Natural Language Processing To Derive A Structured Classification Of Lumbar Spine Pathologies From Unstructured MR Reports	Nathaniel	Brown
SSINO2-4	SSINO2	Science Session with Keynote: Informatics (Natural Language Processing and Reporting)	11/29/2021 9:30	Automated De-identification Pipeline For Radiology Reports Combining Transformer And "Hide In Plain Sight" Rule-based Model	Pierre	Chambon

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSIN02-5	SSIN02	Science Session with Keynote: Informatics (Natural Language Processing and Reporting)	11/29/2021 9:30	Transformer Versus Traditional Natural Language Processing: How Much Data Is Enough For Automated Radiology Report Classification?	Eric	Yang
SSIN02-6	SSIN02	Science Session with Keynote: Informatics (Natural Language Processing and Reporting)	11/29/2021 9:30	Automated Detection Of Adrenal Nodules In Radiology Reports: Proof Of Concept For Using Recurrent Neural Networks For Cohort Creating Using Radiology Reports.	Jayashree	Kalpathy-Cramer
SSIN03-1	SSIN03	Informatics (Machine Learning (Clinical Applications and Collaborative Initiatives))	11/29/2021 15:00	Deep Learning For Detecting Pulmonary Tuberculosis Via Chest Radiography: An International Study Across 10 Countries	Sahar	Kazemzadeh
SSIN03-2	SSIN03	Informatics (Machine Learning (Clinical Applications and Collaborative Initiatives))	11/29/2021 15:00	The Federated Tumor Segmentation Initiative: The First Real-world Large-scale Federation Focusing On Neurooncology	Sarthak	Pati
SSIN03-4	SSIN03	Informatics (Machine Learning (Clinical Applications and Collaborative Initiatives))	11/29/2021 15:00	Analysis Of Changes In Follow-up Liver Metastases In Cect By Automatic Volumetric Simultaneous Deep Learning Classification	Leo	Joskowicz
SSIN03-5	SSIN03	Informatics (Machine Learning (Clinical Applications and Collaborative Initiatives))	11/29/2021 15:00	Leveraging Large-scale Weakly Labeled Data For Semi-supervised Mammogram Mass Detection	Yuxing	Tang
SSIN03-6	SSIN03	Informatics (Machine Learning (Clinical Applications and Collaborative Initiatives))	11/29/2021 15:00	Deep Learning DXA-age From Whole-body Dual-energy Absorptiometry (DEXA) Images: Prediction Of Incident Morbidity And Mortality Versus Chronological Age In The UK Biobank	Vineet	Raghu
SSIN04-2	SSIN04	Informatics (Machine Learning (Processes and Methods))	11/30/2021 9:30	Improving Automated Clinical Decision Making By Allowing Machine-learning Models To Say "I Don't Know": Balancing Performance Against Abstention	Philipp	Wesp
SSIN04-4	SSIN04	Informatics (Machine Learning (Processes and Methods))	11/30/2021 9:30	Decompose And Blend: Collaborative Utilization Of Gan-based Anomaly Detection And Supervised Learning In Chest Radiograph	Yisak	Kim
SSIN04-5	SSIN04	Informatics (Machine Learning (Processes and Methods))	11/30/2021 9:30	Improved Reader Design To Circumvent Bias In Artificial Intelligence Model Testing	Tara	Retson
SSIN04-6	SSIN04	Informatics (Machine Learning (Processes and Methods))	11/30/2021 9:30	Identifying Bias In Deep Learning Models For Edema Detection On Chest Radiographs: Is AUC Enough?	David	Li
SSIN05-1	SSIN05	Informatics (AI in Cardiothoracic Imaging)	11/30/2021 15:00	Computed Tomography-based Radiomic Feature Analysis In Non-Small Cell Lung Cancer For Patient Prognostic Stratification	Mitchell	Chen
SSIN05-2	SSIN05	Informatics (AI in Cardiothoracic Imaging)	11/30/2021 15:00	Results Of The COVID-19 Lung CT Lesion Segmentation Challenge 2020	Marius	Linguraru

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSIN05-3	SSIN05	Informatics (AI in Cardiothoracic Imaging)	11/30/2021 15:00	Automated And Comprehensive Quantification Of Airway Wall Thickness In A Large Patient Collective As CT Imaging Biomarker Of Chronic Obstructive Pulmonary Disease	Thomas	Weikert
SSIN05-4	SSIN05	Informatics (AI in Cardiothoracic Imaging)	11/30/2021 15:00	Racoon: Building A Nationwide Radiological Infrastructure For Collaborative Imaging Research On COVID-19	Tobias	Penzkofer
SSIN05-6	SSIN05	Informatics (AI in Cardiothoracic Imaging)	11/30/2021 15:00	Predicting Patient Demographic Information From Chest Radiographs With Deep Learning	Jason	Adleberg
SSIN06-1	SSIN06	Informatics (Quality and Workflow - Harnessing AI)	12/1/2021 9:30	Detection Of Racial/Ethnic Health Disparities In COVID-19 Patients Using A Deep Learning Chest Radiography Classifier	Ayis	Pyrros
SSIN06-2	SSIN06	Informatics (Quality and Workflow - Harnessing AI)	12/1/2021 9:30	Deep Learning-based Natural Language Processing In Automating Imaging Protocol Selection	Jonathan	Chung
SSIN06-3	SSIN06	Informatics (Quality and Workflow - Harnessing AI)	12/1/2021 9:30	Visual Chest CT Score versus Artificial Intelligence For The Assessment Of COVID-19 Pneumonia Extension	Ignacio	Soriano
SSIN06-5	SSIN06	Informatics (Quality and Workflow - Harnessing AI)	12/1/2021 9:30	Prediction Of Radiography Study Volume And Turnaround Times	Akhil	Dhamija
SSIN06-6	SSIN06	Informatics (Quality and Workflow - Harnessing AI)	12/1/2021 9:30	Partially Automating The Workflow To Decrease Cherry Picking In An Academic Radiology Department	Andrew	Sher
SSIN07-1	SSIN07	Science Session with Keynote: Informatics (State-of-the-art Computer Vision Applications in Radiology)	12/1/2021 15:00	Keynote Speaker	Luciano	Prevedello
SSIN07-2	SSIN07	Science Session with Keynote: Informatics (State-of-the-art Computer Vision Applications in Radiology)	12/1/2021 15:00	Deep Reinforcement Learning-based Image Classification Achieves Perfect Testing Set Accuracy For MRI Brain Tumors With A Training Set Of Only 30 Images	Joseph	Stember
SSIN07-5	SSIN07	Science Session with Keynote: Informatics (State-of-the-art Computer Vision Applications in Radiology)	12/1/2021 15:00	Clinical Decision Support AI System For Live Differential-diagnostic Guidance	Ewoud	Pons
SSIN07-6	SSIN07	Science Session with Keynote: Informatics (State-of-the-art Computer Vision Applications in Radiology)	12/1/2021 15:00	Deep Anatomical Federated Network (DAFNE) For Self-improving Segmentation Of Mr Images.	Francesco	Santini
SSIN08-1	SSIN08	Science Session with Keynote: Informatics (Radiology AI Potpourri)	12/2/2021 9:30	Keynote Speaker	Akshay	Chaudhari
SSIN08-2	SSIN08	Science Session with Keynote: Informatics (Radiology AI Potpourri)	12/2/2021 9:30	Synthesizing Fake Training Data For AI Image Analysis Without Infringing On Patient Privacy	Bob	De Vos

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSIN08-3	SSIN08	Science Session with Keynote: Informatics (Radiology AI Potpourri)	12/2/2021 9:30	Using Natural Language Processing To Assign Fleischner Society Pulmonary Nodule Recommendations To Unstructured Chest CT Reports	Murray	Becker
SSIN08-5	SSIN08	Science Session with Keynote: Informatics (Radiology AI Potpourri)	12/2/2021 9:30	Deep Reinforcement Learning For Aortic Branch Localization In CTA Scans Of Patients With Uncomplicated Type B Aortic Dissection: An International Multicenter Study	Marina	Codari
SSIN08-6	SSIN08	Science Session with Keynote: Informatics (Radiology AI Potpourri)	12/2/2021 9:30	Uncertainty-based Fast Anomaly Detection With Generative Adversarial Networks On Chest Radiographs	Jaeyeong	Ko
SSIR01-1	SSIR01	Interventional Radiology (Translational Research)	11/29/2021 15:00	Early Human Experience With Percutaneous Cholecysto-enteric Anastomosis; A Novel Approach For Internal Gallbladder Drainage Using Lumen-apposing Metal Stents	Eran	Shlomovitz
SSIR01-2	SSIR01	Interventional Radiology (Translational Research)	11/29/2021 15:00	Application And Quality Reserve Of Digital Variance Angiography And Color-coded Digital Variance Angiography In Prostatic Artery Embolization	Leona	Alizadeh
SSIR01-4	SSIR01	Interventional Radiology (Translational Research)	11/29/2021 15:00	Hepatic Hypertrophy And Molecular Response Following Portal Vein Embolization Using Two Different Embolic Agents: A Comparative Study In Swine With Cirrhotic And Normal Underlying Liver.	Tom	Kuhn
SSIR01-5	SSIR01	Interventional Radiology (Translational Research)	11/29/2021 15:00	Functional MRI Directed CT-guided Biopsies Of Focal Bone Lesions Can Improve Diagnostic Yield And Feasibility For Next Generation Tumor Sequencing In Cancer Patients	Ricardo	Donners
SSIR01-6	SSIR01	Interventional Radiology (Translational Research)	11/29/2021 15:00	Feasibility And Accuracy Of A Hands-free Robotic System For CT-guided Percutaneous Needle Insertion And Steering	Sebastian	Flacke
SSIR02-1	SSIR02	Interventional Radiology (Clinical)	11/30/2021 9:30	Preliminary Results From A Prospective Study On The Immunological Effects Of Conventional Transarterial Chemoembolisation In Patients With Hepatocellular Carcinoma	Robin	Schmidt
SSIR02-2	SSIR02	Interventional Radiology (Clinical)	11/30/2021 9:30	Volume Flow-assisted Angioplasty Of Dysfunctional Autologous Arteriovenous Fistula: The Vola Pilot Study	Stavros	Spiliopoulos
SSIR02-3	SSIR02	Interventional Radiology (Clinical)	11/30/2021 9:30	Biochemical Safety Of Ablative Yttrium-90 Transarterial Radioembolization For Hepatocellular Carcinoma As A Function Of Percent Liver Treated	Cynthia	De la Garza Ramos



Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSIR02-4	SSIR02	Interventional Radiology (Clinical)	11/30/2021 9:30	Utility Of CBCT And AVD For Intraprocedural Diagnosis And Treatment Of Gastrointestinal Bleeds	Leland	Pung
SSIR02-5	SSIR02	Interventional Radiology (Clinical)	11/30/2021 9:30	When Nothing Else Works Anymore: European Multicenter Study On Degradable Starch Microspheres Transarterial Chemoembolization (DSM-TACE) In HCC With High Tumor Burden Ineligible For Or Failing Other Palliative Therapies	Johannes	Ludwig
SSIR02-6	SSIR02	Interventional Radiology (Clinical)	11/30/2021 9:30	Magnetic Resonance Guided Focused Ultrasound Versus External Beam Radiation Therapy For The Treatment Of Pain In Bone Metastases: A Phase II Trial	Alessandro	Napoli
SSIR03-3	SSIR03	Interventional Radiology (Basic Science)	12/1/2021 15:00	Non-invasive Molecular Imaging Allows Characterization Of The Immune Response Following Hepatic Radiofrequency Ablation (RFA) In A Mouse Model	Jessica	Santana
SSIR03-6	SSIR03	Interventional Radiology (Basic Science)	12/1/2021 15:00	Transarterial Embolization With Lactate Dehydrogenase Inhibitor Provides Survival Benefit As Compared To Bland Embolization	Alexey	Gurevich
SSMK01-2	SSMK01	Musculoskeletal (Spine)	11/28/2021 9:00	Assessment Of Thoracic Disk Herniation By Using Virtual Noncalcium Dual-energy CT In Comparison With Standard Grayscale CT	Vitali	Koch
SSMK01-3	SSMK01	Musculoskeletal (Spine)	11/28/2021 9:00	Synthetic T <sub>2</sub> -weighted Contrasts Of The Lumbar Spine Derived From Highly-undersampled K-space Data At Arbitrary Chosen Echo Times - Offsetting Clinical Time Cost Of T <sub>2</sub> Mapping	Marcus	Raudner
SSMK01-5	SSMK01	Musculoskeletal (Spine)	11/28/2021 9:00	Intervertebral Disc Regeneration Techniques: Viable Allograft For Intervertebral Disc Supplementation - Viable Allograft Supplemented Disc Regeneration Trial (VAST)	Edward	Yoon
SSMK02-1	SSMK02	Musculoskeletal (Muscle, Tendon and Nerve)	11/28/2021 13:00	Us-guided Fenestration And Surgery For The Treatment Of Chronic Lateral Epicondylitis: Time-dependent Changes In B-Mode US, Power Doppler And Elastography.	David	Tobaly
SSMK02-2	SSMK02	Musculoskeletal (Muscle, Tendon and Nerve)	11/28/2021 13:00	Quantitative Musculoskeletal Imaging Via 3D Ultrasound Tomography	James	Wiskin
SSMK02-3	SSMK02	Musculoskeletal (Muscle, Tendon and Nerve)	11/28/2021 13:00	Muscle Injuries And Recovery: Diffusion-tensor-imaging (DTI) And Physical Examination	Ibrahim	Yel

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSMK02-5	SSMK02	Musculoskeletal (Muscle, Tendon and Nerve)	11/28/2021 13:00	Diagnostic Impact Of MR Neurography Of Lumbosacral Plexus For Failed Back Surgery Syndrome With Outcomes Analysis	Bayan	Mogharrabi
SSMK03-1	SSMK03	Musculoskeletal (Artificial Intelligence (AI), Non-spine)	11/28/2021 13:00	Rethinking The Dexa Scan: Can We Utilize Deep Learning To Obtain Bone Mineral Density From Diagnosticimaging?	Simukayi	Mutasa
SSMK03-2	SSMK03	Musculoskeletal (Artificial Intelligence (AI), Non-spine)	11/28/2021 13:00	Diagnosis On Foot Deformity With Automated Landmark Identification Using A Cascade Convolutional Neural Network On Foot Standing Lateral Radiographs	Seung Min	Ryu
SSMK03-3	SSMK03	Musculoskeletal (Artificial Intelligence (AI), Non-spine)	11/28/2021 13:00	Deep Learning Identifies Body Composition Changes Over Time In Total-body DXA Imaging To Predict All-cause Mortality	Yannik	Glaser
SSMK03-4	SSMK03	Musculoskeletal (Artificial Intelligence (AI), Non-spine)	11/28/2021 13:00	Deep Neural Network And Radiomics Nomograms For Predicting The Intraoperative Massive Blood Loss Of Pelvic And Sacral Tumors	Ping	Yin
SSMK03-5	SSMK03	Musculoskeletal (Artificial Intelligence (AI), Non-spine)	11/28/2021 13:00	Evaluation Of The Medical Impact Of Artificial Intelligence For Limb And Pelvic Bone Fracture Detection	Nor-Eddine	Regnard
SSMK04-1	SSMK04	Musculoskeletal (Shoulder, Elbow, Wrist and Hand)	11/29/2021 9:30	In-vivo Assessment Of Trapezio-metacarpal Joint Kinematics Using 4-D CT.	Benyameen	Keelson
SSMK04-2	SSMK04	Musculoskeletal (Shoulder, Elbow, Wrist and Hand)	11/29/2021 9:30	Comparison Of 3-dimensional Magnetic Resonance Imaging And Computed Tomography For Evaluation Of Glenoid Deformity In Shoulder Arthritis	Mohammad	Samim
SSMK04-3	SSMK04	Musculoskeletal (Shoulder, Elbow, Wrist and Hand)	11/29/2021 9:30	High-resolution Photon-counting Detector (PCD) CT Of Small Joints	Kishore	Rajendran
SSMK04-4	SSMK04	Musculoskeletal (Shoulder, Elbow, Wrist and Hand)	11/29/2021 9:30	Significant Variability Exists In Preoperative Planning Software Measures Of Glenoid Morphology For Shoulder Arthroplasty	Nicholas	Laucis
SSMK04-5	SSMK04	Musculoskeletal (Shoulder, Elbow, Wrist and Hand)	11/29/2021 9:30	Physeal Stress Injuries Vs.Salter-harris Fractures:The Role Of The Perichondrium	Simukayi	Mutasa
SSMK04-6	SSMK04	Musculoskeletal (Shoulder, Elbow, Wrist and Hand)	11/29/2021 9:30	Articular Drop-down Lesions: Imaging Findings, And Ominous And Non-ominous Mimics	Alessandra	Sax
SSMK05-2	SSMK05	Musculoskeletal (Pelvis and Hip)	11/30/2021 8:00	Deep Learning Based Fully Automated 3D Models Of Hip Labrum Based On MR Arthrography Are Feasible And Allow Detection Of Differences In Labrum Volume Among Different Hip Deformities: A Pilot Study	Malin	Meier

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSMK05-3	SSMK05	Musculoskeletal (Pelvis and Hip)	11/30/2021 8:00	Deep Learning Tool For Accurate And Precise Automatic Measurement Of Femoral Component Subsidence Following Total Hip Arthroplasty From Plain Radiographs	Pouria	Rouzrokh
SSMK05-4	SSMK05	Musculoskeletal (Pelvis and Hip)	11/30/2021 8:00	Random Forest-based Radiomics Models For Preoperative Prediction Of Multiple Classifications Of Pelvic And Sacral Tumors	Ping	Yin
SSMK05-5	SSMK05	Musculoskeletal (Pelvis and Hip)	11/30/2021 8:00	MRI Findings In The Hip Pointer	Alessandra	Sax
SSMK05-6	SSMK05	Musculoskeletal (Pelvis and Hip)	11/30/2021 8:00	Identification Of Acetabular Labral Tears: Diagnostic Accuracy Of Dual Energy CT Versus MR Arthrography Of The Hip	Giovanni	Foti
SSMK06-1	SSMK06	Musculoskeletal (Knee)	11/30/2021 13:30	MRI Predictors Of Outcome After Arthroscopic Partial Meniscectomy	Naveen	Subhas
SSMK06-3	SSMK06	Musculoskeletal (Knee)	11/30/2021 13:30	Combining Deep Learning Based Landmark Detection With Segmentation And Object Detection For Comprehensive Leg Alignment Analysis	Claudio	Von Schacky
SSMK06-4	SSMK06	Musculoskeletal (Knee)	11/30/2021 13:30	The Relationship Between Bone Marrow Lesion Worsening And Statin Use In Knee Osteoarthritis Patients With Heberden's Nodes: Data From The Osteoarthritis Initiative	Bahram	Mohajer
SSMK06-6	SSMK06	Musculoskeletal (Knee)	11/30/2021 13:30	Color-coded Dual-energy CT Collagen Imaging For The Assessment Of The Crucial Ligaments After Acute Trauma: Initial Results Of A Multireader Diagnostic Accuracy Study	Christian	Booz
SSMK07-3	SSMK07	Musculoskeletal (Artificial Intelligence (AI), Spine)	12/1/2021 9:30	Evaluation Of Deep-learning Reconstructed High-resolution 3D Lumbar Spine MRI To Improve Image Quality	Simon	Sun
SSMK07-4	SSMK07	Musculoskeletal (Artificial Intelligence (AI), Spine)	12/1/2021 9:30	Novel Deep Learning-based T1- And T2-weighted Imaging Of The Spine: Significant Acceleration Of Image Acquisition With Preservation Of Excellent Image Quality And Diagnostic Confidence	Judith	Herrmann
SSMK08-1	SSMK08	Musculoskeletal (Hardware and Orthopaedic Implants, Infection)	12/1/2021 9:30	Identification Of Bone Marrow Edema In Osteomyelitis Of The Lower Limb: Diagnostic Accuracy Of Dual-energy CT versus MRI	Giovanni	Foti
SSMK08-3	SSMK08	Musculoskeletal (Hardware and Orthopaedic Implants, Infection)	12/1/2021 9:30	Ultrasound Assessment Of Synovitis In Total Knee Replacements	Ji	Lin
SSMK08-4	SSMK08	Musculoskeletal (Hardware and Orthopaedic Implants, Infection)	12/1/2021 9:30	Metal Artifact Reduction In Photon-Counting CT Using Monoenergetic Reconstructions - Initial Experience	Daniel	Popp

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSMK08-5	SSMK08	Musculoskeletal (Hardware and Orthopaedic Implants, Infection)	12/1/2021 9:30	<sub>Quantification Of Metal Artefact Reduction Of Various MRI Techniques In </sub><sub>10 Common Total Hip Arthroplasty Implants: When Less Is More!</sub>	Danoob	Dalili
SSMK08-6	SSMK08	Musculoskeletal (Hardware and Orthopaedic Implants, Infection)	12/1/2021 9:30	Quantitative Dual-Energy CT Reveals Fluorine As A Noninvasive Biomarker For Osteomyelitis In A Tyrannosaurus Rex	Charlie	Hamm
SSMK09-1	SSMK09	Musculoskeletal (Metabolic, Quantitative and Functional)	12/1/2021 15:00	A Fully Automated Pipeline For Multi-vertebral Level Quantification And Characterization Of Muscle And Adipose Tissue On Chest Computed Tomography	Christopher	Bridge
SSMK09-2	SSMK09	Musculoskeletal (Metabolic, Quantitative and Functional)	12/1/2021 15:00	Opportunistic CT Assessment Of Biological Aging: Comparing 2D Versus 3D Metrics For Muscle And Adipose Tissue	Robert	Boutin
SSMK09-3	SSMK09	Musculoskeletal (Metabolic, Quantitative and Functional)	12/1/2021 15:00	Diagnostic Accuracy Of Quantitative Dual-energy CT-based Volumetric Bone Mineral Density Assessment For The Prediction Of Osteoporosis-associated Fractures	Leon	Gruenewald
SSMK09-5	SSMK09	Musculoskeletal (Metabolic, Quantitative and Functional)	12/1/2021 15:00	Evaluation Of Adipose Tissue And Muscle CT Attenuation As Quantitative Biomarkers In Predicting Outcomes In Patient With Multiple Myeloma	Iclal	Erdem Toslak
SSMK10-2	SSMK10	Musculoskeletal (Image-guided Interventions)	12/2/2021 8:00	The Role Of 3 Tesla MR Neurography, Diagnostic Accuracy And Therapeutic Effect Of 3T MR Guided Nerve Blocks For Meralgia Paresthetica	Danoob	Dalili
SSMK10-3	SSMK10	Musculoskeletal (Image-guided Interventions)	12/2/2021 8:00	Long-term Outcome Of CT-guided Microwave Ablation In Patients With Osteoid Osteoma	Lucie	Parisot
SSMK10-4	SSMK10	Musculoskeletal (Image-guided Interventions)	12/2/2021 8:00	Percutaneous Ultrasound Guided Needle Tenotomy For Treatment Of Chronic Tendinopathy: A Systematic Review And Meta-analysis	Firoozeh	Shomal Zadeh
SSMK10-5	SSMK10	Musculoskeletal (Image-guided Interventions)	12/2/2021 8:00	The Role Of Ultrasound-guided Infiltration Of The Greater Occipital Nerve For Pain Management In Occipital Neuralgia	Nicolas	Ochoa Sambrizzi
SSMK10-6	SSMK10	Musculoskeletal (Image-guided Interventions)	12/2/2021 8:00	Image-guided Corticosteroid Injections For Musculoskeletal Pain During The Recovery Phases And Incidence Of Symptomatic COVID-19 Infections: A Prospective Observational Study	Joao Rafael	Vicentini

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSMK11-2	SSMK11	Musculoskeletal (Tumors of Bone and Soft Tissues)	12/2/2021 11:00	Diffusion Weighted Imaging (DWI) In Diagnosis, Staging, And Treatment Response Assessment Of Multiple Myeloma: A Systematic Review And Meta-analysis	Pooya	Torkian
SSMK11-4	SSMK11	Musculoskeletal (Tumors of Bone and Soft Tissues)	12/2/2021 11:00	MRI Long-term Follow-up Of Incidentally Detected Enchondromas Of The Long Bones	Moritz	Dreier
SSMK11-5	SSMK11	Musculoskeletal (Tumors of Bone and Soft Tissues)	12/2/2021 11:00	MRI Radiomics-based Machine Learning Classification Of Atypical Cartilaginous Tumor And G2 Chondrosarcoma Of Long Bones	Salvatore	Gitto
SSMK11-6	SSMK11	Musculoskeletal (Tumors of Bone and Soft Tissues)	12/2/2021 11:00	Deep Learning Radiomic Nomogram To Predict Recurrence In Soft Tissue Sarcoma: A Multi-institutional Study	Wang	Hexiang
SSMK12-2	SSMK12	Musculoskeletal (Trauma, Arthritis and Cartilage)	12/2/2021 15:00	Temporal Evolution Of Clinical Confidence With Dual Energy CT In The Diagnosis And Treatment Of Gout.	Gregory	Aird
SSMS01-1	SSMS01	Multisystem (Oncologic Imaging)	11/28/2021 14:30	Tumor Size Reduction By At Least 10% At The First Follow-up Computed Tomography Can Predict Survival In The Setting Of Advanced Melanoma And Immunotherapy	Haidara	Al Mansour
SSMS01-2	SSMS01	Multisystem (Oncologic Imaging)	11/28/2021 14:30	Whole Body Low Dose Computed Tomography (WBLDCT) In Comparison With Whole Body Magnetic Resonance Imaging (WBMRI) In The Assessment Of Multiple Myeloma	Cammillo	Talei Franzesi
SSMS01-4	SSMS01	Multisystem (Oncologic Imaging)	11/28/2021 14:30	Trends In Cancer Imaging By Indication, Care Setting, And Hospital Type During The COVID-19 Pandemic And Recovery	Ottavia	Zattra
SSMS01-5	SSMS01	Multisystem (Oncologic Imaging)	11/28/2021 14:30	Improved Response Prediction Based On Dual Energy CT Radiomics In Patients With Stage IV Melanoma Before Immunotherapy	Andreas	Brendlin
SSMS01-6	SSMS01	Multisystem (Oncologic Imaging)	11/28/2021 14:30	Prognostic Value Of Whole-body Low-dose CT (WBLDCT) In The Staging Of Patients With Multiple Myeloma (MM): A Long Term Follow-up	Davide	Ippolito
SSMS02-1	SSMS02	Multisystem (Current Dilemmas in Radiology)	11/29/2021 15:00	Assessment Of Endothelial Dysfunction In Type 2 Diabetics By Carotid Artery Intimal Medial Thickness(CIMT) And Brachial Artery Flow-mediated Dilatation (FMD) Response.	Chetankumar	Mehta
SSMS02-2	SSMS02	Multisystem (Current Dilemmas in Radiology)	11/29/2021 15:00	Bridging The Gap: Examining Disparities In Cancer Screening Among Asian Subgroups	Eric	Davis

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSMS02-3	SSMS02	Multisystem (Current Dilemmas in Radiology)	11/29/2021 15:00	Clinical Utility, Safety & Efficacy Of Clariscan <sup>TM</sup> - Multinational Experience From Two Post Marketing Surveillance Studies.	Jarl	Jakobsen
SSMS02-4	SSMS02	Multisystem (Current Dilemmas in Radiology)	11/29/2021 15:00	Frequent Whole-body MRI Plus Serological Follow-up Identifies Some But Not All Smoldering Multiple Myeloma Patients Before Progressing Into Symptomatic Disease With End-Organ Damage	Markus	Wennmann
SSMS02-5	SSMS02	Multisystem (Current Dilemmas in Radiology)	11/29/2021 15:00	Blinded Reader Validation Study For Generalizable Deep Learning Denoising Reconstruction (DLR) Throughout Multiple Anatomies At 1.5T And 3T	Shelton	Caruthers
SSMS02-6	SSMS02	Multisystem (Current Dilemmas in Radiology)	11/29/2021 15:00	Automatic MRI Analysis In Multiple Myeloma: A Framework Combining Deep Learning For Automatic Pelvic Bone Marrow Segmentation And Radiomics For Prediction Of Plasma Cell Infiltration In Multiple Myeloma Patients	Markus	Wennmann
SSMS03-2	SSMS03	Multisystem (Emergency and Trauma Imaging I)	11/30/2021 8:00	Interpretable Identification Of Various Diseases In The Emergency Brain CTs Using Anomaly Detection With A Deep Neural Network Trained Only With Normal Brain CTs	Seungjun	Lee
SSMS03-3	SSMS03	Multisystem (Emergency and Trauma Imaging I)	11/30/2021 8:00	Diagnostic Accuracy Of Ultra-low-dose Chest CT Versus Chest X-ray In Patients Suspected Of Non-traumatic Pulmonary Disease At The Emergency Department	Maadrika	Kanglie
SSMS03-5	SSMS03	Multisystem (Emergency and Trauma Imaging I)	11/30/2021 8:00	COVID-19 Resource Utilization Prediction Using Fusion AI Model	Imon	Banerjee
SSMS04-2	SSMS04	Multisystem (Emergency and Trauma Imaging II)	12/1/2021 13:30	Optimizing Windowing Of Pancreatic And Kidney Pathology On Dual Energy CT Using A Simplex Algorithm	Gili	Dar
SSMS04-3	SSMS04	Multisystem (Emergency and Trauma Imaging II)	12/1/2021 13:30	Spontaneous Iliopsoas Muscle Hemorrhage - Computed Tomographic Diagnosis And Predictors Of Short-term Outcome	Josua	Decker
SSMS04-4	SSMS04	Multisystem (Emergency and Trauma Imaging II)	12/1/2021 13:30	Can Dual-Energy Marrow Imaging And Cinematic Rendering Improve Pelvic Fracture Severity Grading?	Theresa	Yu

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSMS04-5	SSMS04	Multisystem (Emergency and Trauma Imaging II)	12/1/2021 13:30	Role Of Cervical Spine Multi Detector Computed Tomography With The Assessment Of Paraspinal Fat Pad And Additional Parameters In Detecting Ligament, Intervertebral Disc, And Spinal Cord Injury In Adult Obtunded Suspected Cervical Spine Injury Patient	Pradeep	Roul
SSMS05-1	SSMS05	Multisystem (Emergency and Trauma Imaging III)	12/1/2021 13:30	Lung Nodule Detection In Whole Body Trauma CT: Is AI Leading The Way Out Of A Diagnostic Dilemma?	Thorsten	Fleiter
SSMS05-2	SSMS05	Multisystem (Emergency and Trauma Imaging III)	12/1/2021 13:30	Correlation Of Body Mass Index With Cervical Prevertebral Soft Tissue Thickness	John	Schilling
SSMS05-4	SSMS05	Multisystem (Emergency and Trauma Imaging III)	12/1/2021 13:30	Blunt Splenic Trauma: Volumetric Measurements Of Hemoperitoneum Predict Failure Of Non-operative Management In Patients Followed With CT	Theresa	Yu
SSMS05-5	SSMS05	Multisystem (Emergency and Trauma Imaging III)	12/1/2021 13:30	'Disaster' CT - Validation Of An Abbreviated Whole Body Trauma CT Protocol For Use In Mass Casualty Incidents	Muhammad Israr	Ahmad
SSNMMI01-1	SSNMMI01	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Oncologic Imaging)	11/28/2021 10:30	Keynote Speaker	Gary	Ulaner
SSNMMI01-2	SSNMMI01	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Oncologic Imaging)	11/28/2021 10:30	<sup>18</sup> F-Fluoroestradiol PET/CT Imaging Of Invasive Lobular Carcinoma	Matthew	Covington
SSNMMI01-3	SSNMMI01	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Oncologic Imaging)	11/28/2021 10:30	Simultaneous <sup>18</sup> F-FDG PET/MRI Radiomics And Machine Learning Analysis For The Prediction Of Axillary Lymph Node Status In Breast Cancer	Valeria	Romeo
SSNMMI01-4	SSNMMI01	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Oncologic Imaging)	11/28/2021 10:30	Comparison Of Nodal Staging Between CT, MRI And <sup>18</sup> F-FDG PET/MRI In Patients With Newly Diagnosed Breast Cancer	Janna	Morawitz
SSNMMI01-5	SSNMMI01	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Oncologic Imaging)	11/28/2021 10:30	A Pilot Study Of <sup>68</sup> Ga-PSMA11 And <sup>68</sup> Ga-RM2 PET/MRI For Evaluation Of Prostate Cancer Response To High Intensity Focused Ultrasound (HIFU) Therapy	Heying	Duan
SSNMMI01-6	SSNMMI01	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Oncologic Imaging)	11/28/2021 10:30	PSMA Expression In Hepatocellular Carcinoma (HCC): Immunohistochemistry And Imaging With <sup>68</sup> Ga-PSMA PET Using Cyclotron-produced <sup>68</sup> Ga	Garima	Suman



Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNMMI02-2	SSNMMI02	Nuclear Medicine/Molecular Imaging (Technical Advances in Molecular Imaging)	11/28/2021 14:30	Ultrafast, Low Dose FDG Oncologic Whole-body PET/CT: Phase III Findings	Michelle	Knopp
SSNMMI02-4	SSNMMI02	Nuclear Medicine/Molecular Imaging (Technical Advances in Molecular Imaging)	11/28/2021 14:30	Evaluation Of A High-sensitivity Organ-targeted PET Camera	Oleksandr	Bubon
SSNMMI02-5	SSNMMI02	Nuclear Medicine/Molecular Imaging (Technical Advances in Molecular Imaging)	11/28/2021 14:30	Elastic Motion Correction With Deblurring: Quantitative Impacts In Oncologic PET/CT	Adeel	Haq
SSNMMI02-6	SSNMMI02	Nuclear Medicine/Molecular Imaging (Technical Advances in Molecular Imaging)	11/28/2021 14:30	Harmonization Of Multi-centric 18F-FDG-PET/CT And PET/MRI Radiomic Data: Implications For Tissue Classification	Doris	Leithner
SSNMMI03-2	SSNMMI03	Nuclear Medicine/Molecular Imaging (Molecular Imaging of Covid-19)	11/29/2021 9:30	Time-dependent Severity Of FDG Brain Hypometabolism In Post-SARS-CoV-2 Infection With Neurological Involvement	Anna Lisa	Martini
SSNMMI03-3	SSNMMI03	Nuclear Medicine/Molecular Imaging (Molecular Imaging of Covid-19)	11/29/2021 9:30	<sup>99m</sup> Tc-vitamin C SPECT/CT Imaging In Patients With SARS-COV-2 Associated Pneumonia	Haluk	Sayman
SSNMMI03-4	SSNMMI03	Nuclear Medicine/Molecular Imaging (Molecular Imaging of Covid-19)	11/29/2021 9:30	Imaging Features And Detection Of COVID-19 Using FDG PET/CT During The Peak Of The New York City Pandemic	Rick	Wray
SSNMMI03-5	SSNMMI03	Nuclear Medicine/Molecular Imaging (Molecular Imaging of Covid-19)	11/29/2021 9:30	F18-FDG Uptake After COVID-19 Vaccination In Oncological PET/CT: Frequency, Intensity And Potential Clinical Impact	Stephan	Skawran
SSNMMI03-6	SSNMMI03	Nuclear Medicine/Molecular Imaging (Molecular Imaging of Covid-19)	11/29/2021 9:30	Axillary Lymph Node FDG PET/CT Uptake Post Covid-19 Mrna Vaccination And Its Association With Age And Immune Status	Michal	Eifer
SSNMMI04-1	SSNMMI04	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Brain Imaging)	11/29/2021 15:00	Keynote Speaker	Peter	Herscovitch
SSNMMI04-2	SSNMMI04	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Brain Imaging)	11/29/2021 15:00	Concordance Of PET Tau Visual Reads With PET Tau Quantification And CSF P <sub>Tau</sub>	Charles	Chen
SSNMMI04-4	SSNMMI04	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Brain Imaging)	11/29/2021 15:00	Comprehensive Functional Evaluation Of The Spectrum Of Progressive Nuclear Palsy With <sup>18</sup> F-FDG PET/CT And <sup>99m</sup> Tc TRODAT-1 SPECT	Vidur	Mahajan
SSNMMI04-5	SSNMMI04	Science Session with Keynote: Nuclear Medicine/Molecular Imaging (Advances in Molecular Brain Imaging)	11/29/2021 15:00	Contrast-enhanced In Vivo MRI Molecular Imaging Of $\alpha$ -Synuclein In A Mouse Model Of Parkinson's Disease	Eric	Tanifum
SSNMMI05-2	SSNMMI05	Nuclear Medicine/Molecular Imaging (Advances in Radionuclide Therapy)	11/30/2021 9:30	Identification And Development Of Radioprotective Agents To Reduce DNA Damage Caused By Ionizing Radiation	Tyler	Smith

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNMMI05-3	SSNMMI05	Nuclear Medicine/Molecular Imaging (Advances in Radionuclide Therapy)	11/30/2021 9:30	Combining Peptide Receptor Radiotherapy With Immune Check Point Inhibition Therapy To Improve The Management Of Neuroendocrine Tumors	Shadi	Abdar Esfahani
SSNMMI05-4	SSNMMI05	Nuclear Medicine/Molecular Imaging (Advances in Radionuclide Therapy)	11/30/2021 9:30	Simulation Of Radiation Dosimetry Of Intraventricular Injection Of Commercially Available Radiopharmaceuticals For Intrathecal Radionuclide Therapy	Franklin	Wong
SSNMMI05-6	SSNMMI05	Nuclear Medicine/Molecular Imaging (Advances in Radionuclide Therapy)	11/30/2021 9:30	Intravesicular Radionuclide Therapy Against Superficial Bladder Cancer	Akiva	Mintz
SSNMMI06-1	SSNMMI06	Nuclear Medicine/Molecular Imaging (Advances in Prostate Cancer Imaging)	12/1/2021 9:30	The Relation Of The Gleason Score, Prostate Health Index, Immunochemistry Staining Specific For PSMA, 68Ga-PSMA-11 Accumulation, Apparent Diffusion Coefficient And Pharmacokinetic Analysis During PET/MRI	Jiri	Ferda
SSNMMI06-2	SSNMMI06	Nuclear Medicine/Molecular Imaging (Advances in Prostate Cancer Imaging)	12/1/2021 9:30	Comparative Efficacy Of PSMA-targeted <sup>18</sup> F-DCFPyL PET-CT Scan And Multiparametric MRI For Detection And Staging Of Prostate Cancer: A Prospective Study	Soheil	Kooraki
SSNMMI06-3	SSNMMI06	Nuclear Medicine/Molecular Imaging (Advances in Prostate Cancer Imaging)	12/1/2021 9:30	Whole Prostate SUVmax On 18f-fluciclovine PET Correlates With Gleason Grade (Grade Group) Change After Radical Prostatectomy In High Risk Patients With Primary Prostate Cancer	Olayinka	Abiodun-Ojo
SSNMMI06-4	SSNMMI06	Nuclear Medicine/Molecular Imaging (Advances in Prostate Cancer Imaging)	12/1/2021 9:30	<sup>18</sup> F-fluciclovine PET/CT And <sup>68</sup> GA-PSMA PET/CT Guidance Of Salvage Radiotherapy In Patients With Biochemical Recurrence Postprostatectomy: Interim Analysis Of A Secondary Endpoint From A Randomized Trial	Olayinka	Abiodun-Ojo
SSNMMI06-5	SSNMMI06	Nuclear Medicine/Molecular Imaging (Advances in Prostate Cancer Imaging)	12/1/2021 9:30	The Impact Of <sup>18</sup> F-DCFPyL (PSMA)PET On The Primary Staging And Management Of Men With Unfavorable Intermediate Or High-risk Prostate Cancer	Adriano	Basso Dias
SSNMMI07-2	SSNMMI07	Nuclear Medicine/Molecular Imaging (Response Insight on Oncologic PET)	12/2/2021 9:30	The Relationship Between Bone Marrow Involvement On <sup>18</sup> F-fluorodeoxyglucose Positron Emission Tomography/computed Tomography And Bone Marrow Biopsy In Patients With Multiple Myeloma	KIFLOM	Gebreslassea

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNMMI07-3	SSNMMI07	Nuclear Medicine/Molecular Imaging (Response Insight on Oncologic PET)	12/2/2021 9:30	Evaluation Of Baseline Tumor Burden As Response Predictor For Lymphoma Patients Undergoing CAR T-Cell Therapy	Michael	Winkelmann
SSNMMI07-4	SSNMMI07	Nuclear Medicine/Molecular Imaging (Response Insight on Oncologic PET)	12/2/2021 9:30	Effects Of Anti-TNF-therapy On Osteoblastic Activity In Ankylosing Spondylitis - Results From A Prospective Study Using PET-MRI Of SIJ And Spine	Nils	Bruckmann
SSNMMI07-5	SSNMMI07	Nuclear Medicine/Molecular Imaging (Response Insight on Oncologic PET)	12/2/2021 9:30	Normal Imaging Findings After Replacement Of The Ascending Aorta And Aortic Valve On <sup>18</sup> F-fluorodeoxyglucose Positron Emission Tomography	Ricardo	Budde
SSNMMI08-1	SSNMMI08	Nuclear Medicine/Molecular Imaging (New Frontiers in PET Radiopharmaceuticals)	12/2/2021 13:30	First In Human Imaging Of Fluorinated NP-59 (FNP-59): A New Technique To Image Cholesterol Metabolism Noninvasively	Benjamin	Viglianti
SSNMMI08-2	SSNMMI08	Nuclear Medicine/Molecular Imaging (New Frontiers in PET Radiopharmaceuticals)	12/2/2021 13:30	First In-human Trial Of Delta Like Ligand 3 (DLL3)-targeted PET Imaging Of Neuroendocrine Tumors With Zr-89 SC16.56.	Matthew	Agee
SSNMMI08-3	SSNMMI08	Nuclear Medicine/Molecular Imaging (New Frontiers in PET Radiopharmaceuticals)	12/2/2021 13:30	Ga-68 FAPI Imaging Versus FDG-PET Imaging In Hepatocellular Carcinoma	Vineel	Inampudi
SSNMMI08-4	SSNMMI08	Nuclear Medicine/Molecular Imaging (New Frontiers in PET Radiopharmaceuticals)	12/2/2021 13:30	A Novel Approach To Targeting Bacterial Infection - D-[ <sup>11</sup> C]methionine PET/MRI In Humans	Ilona	Polvoy
SSNMMI08-5	SSNMMI08	Nuclear Medicine/Molecular Imaging (New Frontiers in PET Radiopharmaceuticals)	12/2/2021 13:30	CXCR4 PET Imaging For Post-treatment Evaluation Of Gastric Mucosa-associated Lymphoid Tissue (MALT) Lymphoma: A Biopsy-controlled Prospective Study	Marius	Mayerhoefer
SSNMMI08-6	SSNMMI08	Nuclear Medicine/Molecular Imaging (New Frontiers in PET Radiopharmaceuticals)	12/2/2021 13:30	Validation Of Multimodal Hypoxia Imaging Using Po <sub>2</sub> EPR, FMISO PET, and DCE MRI with H&E and CD31 Staining On SCC7 Squamous Cell Carcinomas	Inna	Gertsenshteyn
SSNPM01-2	SSNPM01	Noninterpretive (Diversity, Equity, and Inclusion)	11/29/2021 8:00	Underrepresentation Of Female Speakers At Musculoskeletal Radiology Conferences - Potential Strategies To Mitigate Gender Gap	Aline	Serfaty
SSNPM01-3	SSNPM01	Noninterpretive (Diversity, Equity, and Inclusion)	11/29/2021 8:00	Recent Changes In Women Representation In The United States Diagnostic Radiology Residency Programs: Opportunities Or Unintentional Consequences?	Faezeh	Sodagari
SSNPM01-4	SSNPM01	Noninterpretive (Diversity, Equity, and Inclusion)	11/29/2021 8:00	Advancing Culture Change In Radiology Through Communication: The Value Of Large Versus Small Group Discussions	Amber	Simmons

**RSNA<sup>®</sup> 2021 Scientific Program**

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNPM01-5	SSNPM01	Noninterpretive (Diversity, Equity, and Inclusion)	11/29/2021 8:00	Temporal And Geospatial Variations Among The Female Interventional Radiology Physician Workforce In The United States.	Suryansh	Bajaj
SSNPM01-6	SSNPM01	Noninterpretive (Diversity, Equity, and Inclusion)	11/29/2021 8:00	If We Want Diversity, We Have To Pay For It: The Effects Of Compensation And Promotion Practices On Retaining Diverse Resident Graduates As Future Faculty.	Daniel	Kawakyu-O'Connor
SSNPM02-1	SSNPM02	Noninterpretive (Education and Practice Management)	11/30/2021 9:30	Top Five Most Missed Pediatric Cases: An Emergency Radiology Simulation Analysis	Priya	Sharma
SSNPM02-2	SSNPM02	Noninterpretive (Education and Practice Management)	11/30/2021 9:30	Comparison Of Oncologic Imaging Usage Between Telemedicine And In-Person Clinic Visits During The COVID-19 Recovery	Joseph	Erinjeri
SSNPM02-4	SSNPM02	Noninterpretive (Education and Practice Management)	11/30/2021 9:30	The Impact Of Emerging Technologies On Residency Selection By Medical Students: 2017 Vs. 2021	Michael	Atalay
SSNPM02-5	SSNPM02	Noninterpretive (Education and Practice Management)	11/30/2021 9:30	How COVID-19 Kick-started Online Learning In Medical Education - Results Of An International, Multicenter Study	Fabian	Stoehr
SSNPM02-6	SSNPM02	Noninterpretive (Education and Practice Management)	11/30/2021 9:30	Development And Pilot Randomized Study Of A Patient Decision Aid For Small Renal Mass Management	Shailin	Thomas
SSNPM03-1	SSNPM03	Noninterpretive (Outcomes and Health Policy)	12/1/2021 8:00	Association Of Diagnostic Accuracy Estimates, Conclusion Positivity, And Completeness Of Abstract Reporting With Acceptance By Radiology Conferences And Journals: A Meta-Research Study.	Robert	Frank
SSNPM03-2	SSNPM03	Noninterpretive (Outcomes and Health Policy)	12/1/2021 8:00	Outcomes Of Incidental Lung Nodules With Structured Impressions And Electronic Tracking: Further Needs For Closing The Loop	Barun	Bagga
SSNPM03-4	SSNPM03	Noninterpretive (Outcomes and Health Policy)	12/1/2021 8:00	Magnetic Resonance Spectroscopy For The Differentiation Of Recurrent Glioma From Radiation Necrosis: A Cost Effectiveness Analysis	Huijun	Liao
SSNPM03-5	SSNPM03	Noninterpretive (Outcomes and Health Policy)	12/1/2021 8:00	Cost-Effectiveness Of Endovascular Thrombectomy In Childhood Stroke: An Analysis From The Save Childs Study	Wolfgang	Kunz
SSNR01-1	SSNR01	Science Session with Keynote: Neuroradiology (Brain: Cognition and Memory)	11/28/2021 10:30	Keynote Speaker	Tammie	Benzinger
SSNR01-3	SSNR01	Science Session with Keynote: Neuroradiology (Brain: Cognition and Memory)	11/28/2021 10:30	Longitudinal Changes In Brain Connectivity In Hypertensive Patients From The SPRINT Trial: Intensive Blood Pressure Management Is Associated With Less Decline In Connectivity	Chintan	Shah

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNR01-6	SSNR01	Science Session with Keynote: Neuroradiology (Brain: Cognition and Memory)	11/28/2021 10:30	Diagnostic Performance Of The Medial Temporal Lobe Atrophy Scale In Patients With Alzheimer's Disease: A Systematic Review And Meta-analysis	Sojeong	Lee
SSNR02-1	SSNR02	Neuroradiology (Brain: Pediatrics and Epilepsy)	11/28/2021 10:30	Profiles Of Resting State Functional Connectivity In Temporal Lobe Epilepsy Associated With Post-Laser Interstitial Thermal Therapy Seizure Outcomes	Mashaal	Syed
SSNR02-2	SSNR02	Neuroradiology (Brain: Pediatrics and Epilepsy)	11/28/2021 10:30	Interaction Of The Salience Network, Ventral Attention Network, Dorsal Attention Network And Default Mode Network In Neonates And Early Development Of The Bottom-up Attention System	Valeria	Onofri
SSNR02-4	SSNR02	Neuroradiology (Brain: Pediatrics and Epilepsy)	11/28/2021 10:30	Role Of Shear Wave Elastography In Assessment Of Hypoxic Ischemic Injury (HII) In Preterm Neonates	Anjuna	Reghunath
SSNR02-5	SSNR02	Neuroradiology (Brain: Pediatrics and Epilepsy)	11/28/2021 10:30	High-resolution MR Microscopy Of Hippocampus WITH SUBFIELD MAPPING In Patients With Mesial Temporal Sclerosis And Temporal Lobe Epilepsy For Prediction Of Post Operative Outcomes - A Multiparametric In-vivo And Histopathological Correlation Study	Rammohan	Vadapalli
SSNR02-6	SSNR02	Neuroradiology (Brain: Pediatrics and Epilepsy)	11/28/2021 10:30	Age-related Changes Of White Matter (WM) Microstructure In Autism Spectrum Disorder (ASD)	Clara	Weber
SSNR03-1	SSNR03	Neuroradiology (Brain: Movement Disorders)	11/28/2021 14:30	Convergent And Divergent Intranetwork And Internetwork Connectivity Patterns In Drug-naïve Patients With Early Parkinson's Disease	Wenliang	Fan
SSNR03-6	SSNR03	Neuroradiology (Brain: Movement Disorders)	11/28/2021 14:30	Diffusion Microstructure Imaging In Progressive Supranuclear Palsy: Reduced Axonal Volumes In The Superior Cerebellar Peduncles, Dentato-rubro-thalamic Tract, Ventromedial Thalami And Fronto-mesial White Matter	Alexander	Rau
SSNR04-1	SSNR04	Neuroradiology (Brain: Neoplasms (Diagnosis and Classification))	11/29/2021 13:30	Multiparametric MR-based Radiofusionomics Modeling For Differentiation Of Glioblastoma Multiforme From Solitary Brain Metastasis	Ruili	Wei
SSNR04-2	SSNR04	Neuroradiology (Brain: Neoplasms (Diagnosis and Classification))	11/29/2021 13:30	Combining Deep Learning And Radiomics Features From Preoperative MRI For Predicting CDKN2A/B Gene Loss In Patients With Glioblastoma	Evan	Calabrese
SSNR04-3	SSNR04	Neuroradiology (Brain: Neoplasms (Diagnosis and Classification))	11/29/2021 13:30	Interrater Reliability Of A Standardized Reporting System For Brain Tumor MRIs	Maxwell	Cooper

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNR04-4	SSNR04	Neuroradiology (Brain: Neoplasms (Diagnosis and Classification))	11/29/2021 13:30	Cycle-consistent Adversarial Networks Increases Robustness Of Radiomics Model In Grading Meningiomas On External Validation	Yaewon	Park
SSNR04-6	SSNR04	Neuroradiology (Brain: Neoplasms (Diagnosis and Classification))	11/29/2021 13:30	The Role Of Arterial Spin Labelling (ASL) Post Stereotactic Radiosurgery (SRS) Treatment	Meghavi	Mashar
SSNR05-1	SSNR05	Neuroradiology (Brain: Neoplasms (Post-Treatment Evaluation))	11/29/2021 13:30	Clinical And Imaging Prognostic Factors Of Stroke-like Migraine Attack After Radiation Therapy (SMART) Syndrome	Yoshiaki	Ota
SSNR05-2	SSNR05	Neuroradiology (Brain: Neoplasms (Post-Treatment Evaluation))	11/29/2021 13:30	Prediction Of Postoperative Recurrence Of Meningiomas Based On Novel Risk Stratification Algorithm Using Pathological Grade, Heterogeneous Tumor Enhancement & Relative Apparent Diffusion Coefficient	Rufei	Zhang
SSNR05-3	SSNR05	Neuroradiology (Brain: Neoplasms (Post-Treatment Evaluation))	11/29/2021 13:30	Impact Of MR Simulation Prior To Chemoradiation On Tumor Response And Pseudoprogression Reporting In High Grade Gliomas.	Divya	Yadav
SSNR05-5	SSNR05	Neuroradiology (Brain: Neoplasms (Post-Treatment Evaluation))	11/29/2021 13:30	External Validation Of The Brain Tumour And Reporting System (BTRADS) Score In Multidisciplinary Management Of Post-treatment Gliomas	Amrita	Guha
SSNR05-6	SSNR05	Neuroradiology (Brain: Neoplasms (Post-Treatment Evaluation))	11/29/2021 13:30	Temporal DCE Profile Of Brain Metastasis With A Comparison Of Pseudoprogression Cases	Sevcian	Turk
SSNR06-1	SSNR06	Neuroradiology (Brain: Stroke (Risk Factors and Prevention))	11/30/2021 9:30	Cost-effectiveness Of Emergency Short Protocol Brain MRI After Negative Head CT For Patients With Mild And Unspecific Neurologic Symptoms	Daniel	Puhr-Westerheide
SSNR06-2	SSNR06	Neuroradiology (Brain: Stroke (Risk Factors and Prevention))	11/30/2021 9:30	Lost To Follow-up: A Nationwide Analysis Of Transient Ischemic Attack Patients Discharged From Emergency Departments With Incomplete Imaging Work-up	Vincent	Timpone
SSNR06-3	SSNR06	Neuroradiology (Brain: Stroke (Risk Factors and Prevention))	11/30/2021 9:30	Computed Tomography Texture Analysis Of Carotid Plaque As Predictor Of Unfavorable Outcome After Carotid Artery Stenting: A Preliminary Study	Davide	Colombi
SSNR06-4	SSNR06	Neuroradiology (Brain: Stroke (Risk Factors and Prevention))	11/30/2021 9:30	Admission CT Radiomic Signatures Are Stronger Predictors Of Long-term Outcome And Baseline Clinical Severity Than Hematoma Volume In Patients With Intracerebral Hemorrhage (ICH)	Stefan	Haider
SSNR06-6	SSNR06	Neuroradiology (Brain: Stroke (Risk Factors and Prevention))	11/30/2021 9:30	White Matter Hyperintensities And Silent Brain Infarcts In Aortic Valve Repair: Preliminary Results Of The Pearl Study	Moreno	Zanardo

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNR07-2	SSNR07	Neuroradiology (Brain: Stroke (Diagnosis and Treatment))	11/30/2021 9:30	Admission NIHSS As A Clinical Marker Of Penumbra Underestimates The Size Of Tissue-at-Risk In Right Versus Left-Sided Large Vessel Occlusion Stroke	Adrian	Mak
SSNR07-6	SSNR07	Neuroradiology (Brain: Stroke (Diagnosis and Treatment))	11/30/2021 9:30	Cost-effectiveness Of Perfusion Imaging Selected Acute Stroke Patients For Extending Thrombolysis To 4-5-9 Hours And In Wake-up Stroke Patients	Mihir	Khunte
SSNR08-1	SSNR08	Science Session with Keynote: Neuroradiology (Brain: Trauma)	11/30/2021 13:30	Keynote Speaker	Pratik	Mukherjee
SSNR08-2	SSNR08	Science Session with Keynote: Neuroradiology (Brain: Trauma)	11/30/2021 13:30	Brain Glymphatic System Is Impaired In TBI Found With MRI: The First Human Study	Jianfeng	Bao
SSNR08-3	SSNR08	Science Session with Keynote: Neuroradiology (Brain: Trauma)	11/30/2021 13:30	Automated Detection Of Intracranial Hemorrhage With Artificial Intelligence (RAPID-ICH): Initial Clinical Experience	Warren	Chang
SSNR08-4	SSNR08	Science Session with Keynote: Neuroradiology (Brain: Trauma)	11/30/2021 13:30	Positive CT Head Rate Performed Post Head Injury According To National Institute For Health And Care Excellence (NICE) Guidelines	Mark	Woodward
SSNR08-5	SSNR08	Science Session with Keynote: Neuroradiology (Brain: Trauma)	11/30/2021 13:30	A Multi Scanner Study Of Corpus Callosum Diffusion Imaging And Clinical Outcomes In Mild Traumatic Brain Injury	Alexander	Asturias
SSNR08-6	SSNR08	Science Session with Keynote: Neuroradiology (Brain: Trauma)	11/30/2021 13:30	Delayed Posttraumatic Intracranial Hemorrhage In Patients On Anticoagulant/antiplatelet Medications: Three Year Experience	Warren	Chang
SSNR09-3	SSNR09	Neuroradiology (Brain: Vascular (Excluding Acute Stroke))	11/30/2021 15:00	High-Speed Angiography At 1000 Fps Used To Assess Blood Flow Changes Induced By A Flow Diverting Stent In-Vitro	Allison	Shields
SSNR10-2	SSNR10	Neuroradiology (Brain: Infectious, Inflammatory, and Metabolic Disorders)	12/1/2021 8:00	Single-visit MRI-driven Stratification Of Multiple Sclerosis Patients Using Unsupervised Machine Learning	Giuseppe	Pontillo
SSNR10-3	SSNR10	Neuroradiology (Brain: Infectious, Inflammatory, and Metabolic Disorders)	12/1/2021 8:00	Anterior Pituitary Volume In Patients With Transfusion Dependent Anemias: Volumetric Approaches And Relation To Pituitary R2	Zhiyue	Wang
SSNR10-4	SSNR10	Neuroradiology (Brain: Infectious, Inflammatory, and Metabolic Disorders)	12/1/2021 8:00	Clinical And MR Imaging Findings In A Large Population Of Autoimmune Encephalitis	Shivani	Gillon
SSNR10-6	SSNR10	Neuroradiology (Brain: Infectious, Inflammatory, and Metabolic Disorders)	12/1/2021 8:00	Diagnostic Yield Of Brain Magnetic Resonance Imaging In Patients With Infective Endocarditis	Seongken	Kim
SSNR11-2	SSNR11	Neuroradiology (Spine)	12/1/2021 8:00	Deep-learning Based MR Image Reconstruction Of The Spine Produces Similar Image Quality To Conventional Imaging	Sanders	Chang



Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNR11-3	SSNR11	Neuroradiology (Spine)	12/1/2021 8:00	Lateral Cervical Puncture: Anatomic Features Relevant To Procedural Safety	Ross	Frederick
SSNR11-4	SSNR11	Neuroradiology (Spine)	12/1/2021 8:00	Proximity Of DTI And Compression Ratio Measurements To Site Of Injury Has Significant Relationship To Predicting Neurologic Impairment In Acute Spinal Cord Injury (SCI)	Mahdi	Alizadeh
SSNR11-5	SSNR11	Neuroradiology (Spine)	12/1/2021 8:00	Detection Of Critical Spinal Epidural Pathologies On CT Using A Machine Learning Algorithm	Robert	Harris
SSNR11-6	SSNR11	Neuroradiology (Spine)	12/1/2021 8:00	Pulsed Radiofrequency For Sciatica And Disc Herniation: A Randomized Trial	Alessandro	Napoli
SSNR12-1	SSNR12	Neuroradiology (Techniques and Methods: Image Analysis (non-AI))	12/1/2021 13:30	The MIITRA Multimodal Templates Of Older Adult Brain At 0.5mm Resolution: Creation And Evaluation	Yingjuan	Wu
SSNR12-2	SSNR12	Neuroradiology (Techniques and Methods: Image Analysis (non-AI))	12/1/2021 13:30	Spatial Stability Of Functional Networks: A Measure To Assess The Robustness Of Graph-theoretical Metrics To Spatial Errors Related To Brain Parcellation	Luca	Pasquini
SSNR12-4	SSNR12	Neuroradiology (Techniques and Methods: Image Analysis (non-AI))	12/1/2021 13:30	High-resolution Gray Matter Labels Of The MIITRA Atlas: Development And Evaluation	Mohammad Rakee	Niaz
SSNR12-5	SSNR12	Neuroradiology (Techniques and Methods: Image Analysis (non-AI))	12/1/2021 13:30	Statistical Parametric Mapping In Amyloid Positron Emission Tomography: Use Cases And Future Directions	Natasha	Smith
SSNR13-2	SSNR13	Neuroradiology (Techniques and Methods: AI for Image Analysis)	12/1/2021 13:30	Deep Learning Enables 60% Accelerated Volumetric Brain MRI While Preserving Quantitative Performance-A Prospective, Multicenter, Multireader Trial	Suzanne	Bash
SSNR13-4	SSNR13	Neuroradiology (Techniques and Methods: AI for Image Analysis)	12/1/2021 13:30	Early Prediction Of Cognitive Deficit Using Quantitative Structural MRI In Very Preterm Infants With Ensemble Learning	Zhiyuan	Li
SSNR13-5	SSNR13	Neuroradiology (Techniques and Methods: AI for Image Analysis)	12/1/2021 13:30	Machine Learning Model For Motion Detection And Quantification On Brain MR: A Multicenter Testing Study	Bernardo	Bizzo
SSNR13-6	SSNR13	Neuroradiology (Techniques and Methods: AI for Image Analysis)	12/1/2021 13:30	Mapping Whole Exome Sequencing To Noninvasive Imaging With Stereotactic Localization And Deep Learning	Jason	Parker
SSNR14-1	SSNR14	Neuroradiology (Techniques and Methods: AI for Image Acquisition)	12/2/2021 9:30	Clinical Evaluation Of An AI-accelerated Two-minute Multi-shot EPI Protocol For Comprehensive High-quality Brain MRI In An Emergency And Inpatient Setting	Augusto Lio	Goncalves Filho



Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNR14-2	SSNR14	Neuroradiology (Techniques and Methods: AI for Image Acquisition)	12/2/2021 9:30	Multi-center Multi-reader Clinical Evaluation Of Deep Learning Model For 10x Dose Reduction In Contrast-enhanced Brain MRI With A Focus On Tumor Categorization	Srivathsa	Venkata
SSNR14-3	SSNR14	Neuroradiology (Techniques and Methods: AI for Image Acquisition)	12/2/2021 9:30	It'S Not Magic - Image Quality Improvement Of High Resolution 3d Brain Images Using Deep Learning	Woojin	Jung
SSNR14-5	SSNR14	Neuroradiology (Techniques and Methods: AI for Image Acquisition)	12/2/2021 9:30	K-space Based Deep Learning Reconstruction Empowers 60-70% Acceleration Of MR Imaging Of The Spine	Lawrence	Tanenbaum
SSNR14-6	SSNR14	Neuroradiology (Techniques and Methods: AI for Image Acquisition)	12/2/2021 9:30	Pilot Study To Evaluate The Feasibility Of Replacing Conventional Head CT Images With A Single Series Of Thin-slice, Low-noise Images Created Using A Multi-kernel Synthesis Method	Akitoshi	Inoue
SSNR15-1	SSNR15	Neuroradiology (Techniques and Methods: AI for Image Interpretation)	12/2/2021 11:00	An Artificial Intelligence-based Algorithm Can Support Radiologists In Diagnosing Cervical Spine Fractures	Sanders	Chang
SSNR15-2	SSNR15	Neuroradiology (Techniques and Methods: AI for Image Interpretation)	12/2/2021 11:00	Machine Learning In Neurofibromatosis Type 1: Evaluation Of MRI-based Radiomics Characteristics For Differentiation Of Benign And Malignant Peripheral Nerve Sheath Tumors	Inka	Ristow
SSNR15-3	SSNR15	Neuroradiology (Techniques and Methods: AI for Image Interpretation)	12/2/2021 11:00	Fully Automated Lumbar Spinal Stenosis (LSS) Grading System In MR Imaging Using 3D Deep Learning Pipeline	JinHyeong	Park
SSNR15-4	SSNR15	Neuroradiology (Techniques and Methods: AI for Image Interpretation)	12/2/2021 11:00	A Pivotal Randomized Clinical Trial For Brain CT Interpretation Assisted By A Deep Learning-based Automatic Detection Algorithm For Detecting Acute Intracranial Hemorrhage	Tae Jin	Yun
SSNR15-6	SSNR15	Neuroradiology (Techniques and Methods: AI for Image Interpretation)	12/2/2021 11:00	A Deep Learning Model For Classifying Spontaneous Intracranial Hypotension On Brain MRI	Walter	Wiggins
SSNR16-1	SSNR16	Neuroradiology (Techniques and Methods: Diffusion, Perfusion and Other Techniques)	12/2/2021 15:00	Arterial Spin Labeling MRI Can Detect Impaired Cerebrovascular Reactivity In Moyamoya Patients: A Cohort Study Using Simultaneous PET/MRI	Yize	Zhao
SSNR16-3	SSNR16	Neuroradiology (Techniques and Methods: Diffusion, Perfusion and Other Techniques)	12/2/2021 15:00	Chemical Exchange Saturation Transfer (CEST) Imaging In Various Brain Tumor Patients: Comparison Of Capability For Molecular-based Assessment Between 2D Spin Echo- And 3D Gradient Echo-based Sequences	Kazuhiro	Murayama

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSNR16-6	SSNR16	Neuroradiology (Techniques and Methods: Diffusion, Perfusion and Other Techniques)	12/2/2021 15:00	Microstructural Alterations Of Major Thalamic Nuclei In The Chronic Pediatric Spinal Cord Injured Population	Mahdi	Alizadeh
SSPD01-2	SSPD01	Pediatric (Neuroradiology)	11/28/2021 9:00	Recovery Of Compression Fracture Of The Vertebral Bodies In Patients With Chronic Nonbacterial Osteomyelitis (CNO)	Mikhael	Sebaaly
SSPD01-4	SSPD01	Pediatric (Neuroradiology)	11/28/2021 9:00	Contrast-enhanced Subharmonic Aided Pressure Estimation (SHAPE) For Assessment Of Intracranial Pressure In Vivo	Ryne	Didier
SSPD01-5	SSPD01	Pediatric (Neuroradiology)	11/28/2021 9:00	Brain Resting State Functional Networks In Infants With Prenatal Opioid And Substance Exposure	Rupa	Radhakrishnan
SSPD02-1	SSPD02	Pediatric (Chest and Cardiac)	11/28/2021 14:30	Semi Automated Measurement Of The Common Carotid Artery Intima Media Thickness In Children: Inter And Intra Observer Validation Study.	Emilie	Alchourron
SSPD02-2	SSPD02	Pediatric (Chest and Cardiac)	11/28/2021 14:30	Validation Of Reduced Dose CT For Detection Of Lung Nodules In Children With Cancer	Samuel	Brady
SSPD02-5	SSPD02	Pediatric (Chest and Cardiac)	11/28/2021 14:30	Non-contrast Pulmonary MRI: Long-term Monitoring Of Structural Lung Disease In Patients With Cystic Fibrosis	Michael	Esser
SSPD02-6	SSPD02	Pediatric (Chest and Cardiac)	11/28/2021 14:30	Hyperinflation Is More Clinically Relevant Than Hyperdensity In Neonatal Lung Disease Of Prematurity Via 3D MRI	Nara	Higano
SSPD03-1	SSPD03	Pediatric (Gastrointestinal)	11/30/2021 8:00	Temporal Progression Of Liver Stiffness In Children With Fontan Physiology: Findings From Serial Magnetic Resonance Elastography (MRE)	Adarsh	Ghosh
SSPD03-2	SSPD03	Pediatric (Gastrointestinal)	11/30/2021 8:00	Change Over Time In Quantitative MRI Metrics In Children And Young Adults With Sclerosing Cholangitis	Neeraja	Mahalingam
SSPD03-3	SSPD03	Pediatric (Gastrointestinal)	11/30/2021 8:00	Pediatric Hepatocellular Carcinoma: Does An Underlying Predisposition Affect Clinical And Imaging Features At Presentation?	Mitchell	Rees
SSPD03-5	SSPD03	Pediatric (Gastrointestinal)	11/30/2021 8:00	The Performance Of Ultrasound In The Evaluation Of Midgut Malrotation And Midgut Volvulus: A Multicenter Study	Haithuy	Nguyen
SSPD04-1	SSPD04	Pediatric (Genitourinary and Fetal Imaging)	12/1/2021 9:30	Early Effects Of Prenatal Alcohol Exposure On Regional Brain Volumes - An Atlas-Based Fetal MRI Study	Marlene	Stuempflen
SSPD04-2	SSPD04	Pediatric (Genitourinary and Fetal Imaging)	12/1/2021 9:30	Three-dimensional Visualization Of Large Vessel Anomalies In Fetal MRI Using Super-resolution MultiVane Technique	Florian	Prayer

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPD04-3	SSPD04	Pediatric (Genitourinary and Fetal Imaging)	12/1/2021 9:30	Magnetic Resonance (MR) Imaging Features Of Prenatal Neck Lymphatic Malformations (LM)-correlation With Perinatal Outcomes	Hasan	Habib
SSPD04-4	SSPD04	Pediatric (Genitourinary and Fetal Imaging)	12/1/2021 9:30	Postnatal Urinary Tract Dilation Classification System For Assessing Surgical Outcome In Neonates And Young Infants	Jisun	Hwang
SSPD04-5	SSPD04	Pediatric (Genitourinary and Fetal Imaging)	12/1/2021 9:30	Prevalence Of Intrarenal Reflux In Pediatric Patients On Contrast Enhanced Voiding Urosonography	Erica	Klein
SSPD04-6	SSPD04	Pediatric (Genitourinary and Fetal Imaging)	12/1/2021 9:30	New Pediatric ADPKD Risk Severity Model Based On 3DUS Volumetry	Luc	Breysem
SSPD05-3	SSPD05	Pediatric (Musculoskeletal and Oncology)	12/2/2021 9:30	Physcal Diffusion Tensor Tractography ROI Automation With A 3D Convolutional Neural Network	Simukayi	Mutasa
SSPD05-4	SSPD05	Pediatric (Musculoskeletal and Oncology)	12/2/2021 9:30	Diagnosis Of Bone Marrow Metastases In Children And Young Adults With Solid Tumors:<sup>18</sup>F-FDG-PET Or DW-MRI?	Ali	Rashidi
SSPH01-1	SSPH01	Physics (CT New Techniques)	11/28/2021 10:30	Tube Current Modulation Reconstruction From Chest CT Images Using Deep-learning Regression Algorithms	Marios	Myronakis
SSPH01-2	SSPH01	Physics (CT New Techniques)	11/28/2021 10:30	Low-dose Dynamic Pulmonary CT Perfusion Using Only Two Volume Scans	Yixiao	Zhao
SSPH01-3	SSPH01	Physics (CT New Techniques)	11/28/2021 10:30	Deep Learning Patient-specific Noise Reduction Framework For High Resolution Chest Photon Counting Detector CT	Nathan	Huber
SSPH01-4	SSPH01	Physics (CT New Techniques)	11/28/2021 10:30	Increasing Volumetric Coverage Of A Prototype C-arm Photon Counting CT System Via Step-and-shoot Acquisitions	Kevin	Treb
SSPH01-5	SSPH01	Physics (CT New Techniques)	11/28/2021 10:30	Determination Of In-vivo Kidney Stone Mixed Composition Using High-resolution Photon Counting CT With AI-based Denoising And Deconvolution	Patrick	VanMeter
SSPH02-2	SSPH02	Physics (Computer Aided Diagnosis and Detection)	11/28/2021 10:30	The Potential Benefits Of Pre-training In AI Algorithm Development For COVID-19 Classification Models Using Chest X-ray Images	Xin	Tie
SSPH02-4	SSPH02	Physics (Computer Aided Diagnosis and Detection)	11/28/2021 10:30	Automatic Liver Lesion Localization Using Large-scale Unlabeled And Sequence-incomplete MR Imaging Data	Bolin	Lai
SSPH02-5	SSPH02	Physics (Computer Aided Diagnosis and Detection)	11/28/2021 10:30	Fully Automated Artifact Reduction Method For Time-resolved Cone-beam CT Angiography	Chengzhu	Zhang

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPH02-6	SSPH02	Physics (Computer Aided Diagnosis and Detection)	11/28/2021 10:30	Accurate And Reliable Liver Steatosis Assessment From Conventional Ultrasound Images Trained With Subjective Ratings	Bowen	Li
SSPH03-1	SSPH03	Physics (CT Image Quality)	11/28/2021 13:00	Utility Of A New Phantom For Quantitative Imaging Performance Evaluation Of CT Scanners	Mahadevappa	Mahesh
SSPH03-2	SSPH03	Physics (CT Image Quality)	11/28/2021 13:00	Noise Properties And Low Contrast False Positive And False Negative Assessment Of A Super Resolution Deep Learning Reconstruction Algorithm Trained With Data From A Commercial High Resolution CT System	Kirsten Lee	Boedeker
SSPH03-3	SSPH03	Physics (CT Image Quality)	11/28/2021 13:00	Measurement Of Low-contrast Detectability Using Channelized Hotelling Observer On ACR Accreditation Phantom: Optimization And Repeatability	Mingdong	Fan
SSPH03-4	SSPH03	Physics (CT Image Quality)	11/28/2021 13:00	Quantitative Image Quality Comparison Between Photon Counting And Conventional CT Systems: Noise, Resolution And Quantitative Accuracy	Richard	Thompson
SSPH03-5	SSPH03	Physics (CT Image Quality)	11/28/2021 13:00	Search, Recognition, And Decision Errors In Liver Metastasis Detection At Contrast-enhanced Abdominal CT	Scott	Hsieh
SSPH04-2	SSPH04	Physics (X-ray Imaging)	11/29/2021 13:30	Projection-domain Material Decomposition In A Dual-layer Flat-panel Detector Using Perceptron Neural Networks	Wenyong	Wang
SSPH04-3	SSPH04	Physics (X-ray Imaging)	11/29/2021 13:30	Estimation Of Local Vascular Velocity Using Contrast Dilution Gradients (CGD) From 1000 Fps High Speed Angiography	Kyle	Williams
SSPH04-4	SSPH04	Physics (X-ray Imaging)	11/29/2021 13:30	Automatic Windowing Parameter Estimation For Chest Radiographs: A Deep Learning Approach	HyunJoon	An
SSPH04-5	SSPH04	Physics (X-ray Imaging)	11/29/2021 13:30	A Low-dose Multi-contrast Chest X-ray Radiography Prototype System With Single-shot Acquisition In A Single Breath Hold	Ran	Zhang
SSPH04-6	SSPH04	Physics (X-ray Imaging)	11/29/2021 13:30	In Vivo Relative Dosimetry With Xact Imaging: A Feasibility Study	Kiana	Prather
SSPH05-1	SSPH05	Physics (AI Applications in CT)	11/29/2021 13:30	Single Image Local Variance Estimator: Deep Learning Framework For CT Noise Quantification	Nathan	Huber
SSPH05-2	SSPH05	Physics (AI Applications in CT)	11/29/2021 13:30	Validation Of Deep Transfer Learning On CT Scans For Informing Steroid Treatment Of 864 COVID-19 Patients	Jordan	Fuhrman

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPH05-3	SSPH05	Physics (AI Applications in CT)	11/29/2021 13:30	A Deep Learning Approach For The Estimation Of Partially Exposed Organs In CT	John	Damilakis
SSPH05-4	SSPH05	Physics (AI Applications in CT)	11/29/2021 13:30	Deep Learning-based Coronary Artery Motion Estimation And Compensation For Iterative Cardiac CT Reconstructions	Joscha	Maier
SSPH05-5	SSPH05	Physics (AI Applications in CT)	11/29/2021 13:30	Generalizability Of Deep Convolutional-Neural-Network-Based Metal-Artifact-Reduction In CT-Guided Interventional Oncology Procedures	Liqiang	Ren
SSPH05-6	SSPH05	Physics (AI Applications in CT)	11/29/2021 13:30	Scalable And Generalizable Small ROI Imaging Using Backprojection And Deep Learning	Chengzhu	Zhang
SSPH06-1	SSPH06	Physics (MRI)	11/29/2021 15:00	Preliminary Application Value Of T1 Mapping Of Cardiac Magnetic Resonance Imaging And Tissue Tracking Technique In Cardiac Amyloidosis And Hypertrophic Cardiomyopathy.	Xiaohu	Li
SSPH06-2	SSPH06	Physics (MRI)	11/29/2021 15:00	Evaluation Of Image Quality And Artifact In Deep Learning Reconstruction Method Using An ACR Phantom	Mo	Kadbi
SSPH06-3	SSPH06	Physics (MRI)	11/29/2021 15:00	Chirped RF Pulse Sequence For Office Based Single Sided MRI	Muller	Gomes
SSPH06-5	SSPH06	Physics (MRI)	11/29/2021 15:00	A Novel Interpretable Deep Learning Prostate Cancer Detector For Bi-parametric MRI	Nathan	Lay
SSPH07-1	SSPH07	Physics (Photon-Counting-Detector CT)	11/29/2021 15:00	Evaluation Of Iodine Quantification Accuracy In Spectral Images Derived From A Full Field-of-view Photon-counting-detector CT	Kishore	Rajendran
SSPH07-2	SSPH07	Physics (Photon-Counting-Detector CT)	11/29/2021 15:00	High-pitch Photon-counting Detector CT For Angiography Of The Aorta - Intraindividual Comparison To Radiation Dose-matched Energy-integrating Detector CT With Automatic Tube Voltage Selection	Andre	Euler
SSPH07-3	SSPH07	Physics (Photon-Counting-Detector CT)	11/29/2021 15:00	High-pitch, High Temporal Resolution, Multi-energy Cardiac Imaging On A Whole Body, Dual-Source Photon-Counting-Detector CT	David	Campeau
SSPH07-4	SSPH07	Physics (Photon-Counting-Detector CT)	11/29/2021 15:00	Spectral-based Virtual Removal Of Calcified Vascular Plaques In Dual Source Multi-energy Photon Counting CT	Bernhard	Schmidt
SSPH07-5	SSPH07	Physics (Photon-Counting-Detector CT)	11/29/2021 15:00	Characterization And Potential Standardization Of Energy Independent CT Reconstruction Techniques Using An Investigational Dual-Source Photon-Counting CT System - Preliminary Phantom Study	Fides	Schwartz

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPH08-1	SSPH08	Physics (Cone-beam CT)	11/30/2021 9:30	Noise And Streak Artifacts Reduction In Cone-beam Computed Tomography Using Wavelet Decomposition	Mohamed	Eldib
SSPH08-2	SSPH08	Physics (Cone-beam CT)	11/30/2021 9:30	Improving Intraoperative Visualization Of Arterial Branching Pattern Using A High Spatial Resolution C-arm Photon Counting Detector CT System	Ke	Li
SSPH08-3	SSPH08	Physics (Cone-beam CT)	11/30/2021 9:30	Correction Of Spectral Inconsistency-induced Image Artifacts In C-arm Photon Counting CT	Kevin	Treb
SSPH08-4	SSPH08	Physics (Cone-beam CT)	11/30/2021 9:30	Performance Evaluation Of An IGZO-Based Flat-Panel Detector In 2D Fluoroscopy And 3D Cone-Beam CT	Niral	Sheth
SSPH08-5	SSPH08	Physics (Cone-beam CT)	11/30/2021 9:30	Feasibility Of Dual Energy Cone Beam Computed Tomography In Human Torso Sized Objects	Cem	Altunbas
SSPH08-6	SSPH08	Physics (Cone-beam CT)	11/30/2021 9:30	Performance Characterization Of A Prototype Dual-layer Cone Beam Computed Tomography System	Fredrik	Stahl
SSPH09-1	SSPH09	Physics (Breast Imaging)	11/30/2021 9:30	Radiation Dose Estimates For A Novel Spiral Breast CT Imager	Sojin	Shim
SSPH09-2	SSPH09	Physics (Breast Imaging)	11/30/2021 9:30	The Problem With Synthetic Minority Oversampling: A Case Study Using Contrast-enhanced Mammography Data	Avishek	Chatterjee
SSPH09-3	SSPH09	Physics (Breast Imaging)	11/30/2021 9:30	A Large Retrospective Study Of Non-Compliance Findings At Half Yearly Medical Physics Tests Of Digital Mammography Devices (DM) Using A Vendor Neutral (European) Test Protocol	Hannelore	Verhoeven
SSPH09-4	SSPH09	Physics (Breast Imaging)	11/30/2021 9:30	A Stationary Breast Tomosynthesis System Using A Two Dimensional Multiple X-ray Source Array With Thermionic Cathodes	John	Boone
SSPH09-5	SSPH09	Physics (Breast Imaging)	11/30/2021 9:30	Breast Imaging Using Deep-Learning-Enhanced High Resolution, Whole Body, Photon-Counting-Detector CT	Nathan	Huber
SSPH09-6	SSPH09	Physics (Breast Imaging)	11/30/2021 9:30	Plug-and-play Reconstruction With Deep Learning Denoising For Improving Detectability Of Microcalcifications In Digital Breast Tomosynthesis Images	Mingjie	Gao

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPH10-1	SSPH10	Physics (Dual-energy and Multi-energy CT)	11/30/2021 15:00	Low-energy Virtual Monoenergetic Imaging With The Synergy Of Two Algorithms -prior Knowledge Aware Iterative Denoising And Convolutional Neural Network Based Direct Conversion	Hao	Gong
SSPH10-2	SSPH10	Physics (Dual-energy and Multi-energy CT)	11/30/2021 15:00	Extraction Of Spectral CT Information From Single-kV CT Scans By Deep Learning	Yinsheng	Li
SSPH10-4	SSPH10	Physics (Dual-energy and Multi-energy CT)	11/30/2021 15:00	Simultaneous CT Angiography And CT Venography Using Dual-contrast-agent Multi-energy CT: An Animal Feasibility Study	Zhongxing	Zhou
SSPH10-5	SSPH10	Physics (Dual-energy and Multi-energy CT)	11/30/2021 15:00	Characterization Of Spectral CT Image Quality Using Covariance Weighted Contrast-to-noise Ratio	Jayasai	Rajagopal
SSPH11-1	SSPH11	Physics (CT Radiation Dose)	12/1/2021 9:30	Beyond Iodine: Dose Reduction Potential With Patient-Specific Prefiltration In Hafnium-Enhanced CT Scans With Energy Integrating And Photon Counting Detectors	Joerg	Steidel
SSPH11-2	SSPH11	Physics (CT Radiation Dose)	12/1/2021 9:30	A Mathematical Framework To Quantitatively Balance Clinical And Radiation Risk In Computed Tomography	Francesco	Ria
SSPH11-3	SSPH11	Physics (CT Radiation Dose)	12/1/2021 9:30	Transposition Of The European Basic Safety Standards Directive At National Level: Impact On A Pan European Healthcare Provider	Federica	Zanca
SSPH11-4	SSPH11	Physics (CT Radiation Dose)	12/1/2021 9:30	Real-time, Personalized Estimation Of CT Organ Dose From Scout Images	Abdullah-Al-Zubae	Imran
SSPH12-2	SSPH12	Physics (Quantitative Imaging)	12/1/2021 15:00	Can A Deep Learning Model Trained From One Clinical Site Be Applied To Other Sites?—A Case Report From COVID-19 Pneumonia Classification Using Chest X-ray Radiographs	Ran	Zhang
SSPH12-3	SSPH12	Physics (Quantitative Imaging)	12/1/2021 15:00	Deep Voxel Forecast: Combining Auto-encoder Image Representations With Multiscale Features To Predict Chemoradiation Spatial Response Patterns On FDG PET	Stephen	Bowen
SSPH12-4	SSPH12	Physics (Quantitative Imaging)	12/1/2021 15:00	Texture Analysis And Deep Learning In The Diagnosis Of Hip Fractures In The Emergency Room Setting	Karen	Drukker
SSPH12-6	SSPH12	Physics (Quantitative Imaging)	12/1/2021 15:00	Quantification Of Perfusion Defect Distal To Pulmonary Embolism Using Computed Tomography Angiography: Validation In A Swine Model	Yixiao	Zhao

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPH13-1	SSPH13	Physics (Photon-Counting-Detector CT II)	12/2/2021 8:00	Dose-Efficient Assessment Of Trabecular Microstructure Using Whole-Body Photon-Counting CT	Stefan	Sawall
SSPH13-2	SSPH13	Physics (Photon-Counting-Detector CT II)	12/2/2021 8:00	First Results From A Prototype Full-size Photon Counting CT System: Counting And Spectral Imaging Performance At Clinical Dose Levels	Xiaohui	Zhan
SSPH13-3	SSPH13	Physics (Photon-Counting-Detector CT II)	12/2/2021 8:00	Optimal Virtual Monoenergetic Energy Level (keV) For Photon-counting-detector (PCD) CT Angiography	Chelsea	Dunning
SSPH13-5	SSPH13	Physics (Photon-Counting-Detector CT II)	12/2/2021 8:00	Development And Application Of A Virtual Imaging Trial Platform To Evaluate And Optimize State-of-the-art Photon-counting CT	Ehsan	Abadi
SSPH13-6	SSPH13	Physics (Photon-Counting-Detector CT II)	12/2/2021 8:00	Whole-body Dual-source Photon-counting Detector (PCD) CT: Technical Assessment And Initial Experience	Kishore	Rajendran
SSPH14-1	SSPH14	Physics (CT Image Quality II)	12/2/2021 8:00	Diagnostic Performance Of Whole-body Ultra-low Dose Computed Tomography For Detection Of Mechanical Ventriculoperitoneal Shunt Complications: A Retrospective Analysis	Saif	Afat
SSPH14-2	SSPH14	Physics (CT Image Quality II)	12/2/2021 8:00	Creating Individualized Learner Models: Predicting Missed Liver Metastases From CT Images Using Deep Convolutional Neural Networks	Parvathy	Sudhir Pillai
SSPH14-3	SSPH14	Physics (CT Image Quality II)	12/2/2021 8:00	Impact Of Multiplanar Reformations On CT Image Quality With Model-based Iterative And Deep Learning Reconstructions: A Task-based Phantom Study	Damien	Racine
SSPH14-4	SSPH14	Physics (CT Image Quality II)	12/2/2021 8:00	Radiologist, Workstation, And Image Features Affecting Liver Metastasis Detection Performance In Abdominal CT	Scott	Hsieh
SSPH14-5	SSPH14	Physics (CT Image Quality II)	12/2/2021 8:00	CT Image Quality Optimization In The Age Of Deep Learning: A 3-way Tradeoff Among Noise Magnitude, Noise Texture, And Structure Similarity	Kai	Yang
SSPH14-6	SSPH14	Physics (CT Image Quality II)	12/2/2021 8:00	Nonlinear Image Quality Assessment Of Deep Learning Algorithms: Beyond Traditional Image-independent Measures	Junyuan	Li
SSPH15-1	SSPH15	Physics (Radiation Therapy and Ultrasound)	12/2/2021 15:00	Machine Learning-based Optimal Radiation Treatment Technique Suggestion Using Dosimetric Parameters	Dongmin	Ryu



Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSPH15-2	SSPH15	Physics (Radiation Therapy and Ultrasound)	12/2/2021 15:00	Use Of Exposure Indices For Gauging The Potential For Pulmonary Injury During Lung Ultrasound	Douglas	Miller
SSPH15-3	SSPH15	Physics (Radiation Therapy and Ultrasound)	12/2/2021 15:00	Ultrasound Guided Elastography: An Accurate And Reliable Technique For Liver Elasticity	Margo	Gent
SSPH15-4	SSPH15	Physics (Radiation Therapy and Ultrasound)	12/2/2021 15:00	3d Dose Distribution Estimation For Various Treatment Techniques Using Deep Learning Framework For Radiation Therapy	Jimin	Lee
SSPH15-5	SSPH15	Physics (Radiation Therapy and Ultrasound)	12/2/2021 15:00	High Resolution XACT Imaging For Radiotherapy	Kristina	Bjegovic
SSPH15-6	SSPH15	Physics (Radiation Therapy and Ultrasound)	12/2/2021 15:00	Real-time Intrafraction Prostate Motion During Dose-escalated Linac-based SBRT	Denis	Panizza
SSRI01-2	SSRI01	Reproductive Imaging (MRI of the Fetus and Placenta)	11/30/2021 15:00	3.0T Versus 1.5T MRI For The Evaluation Of Placenta Accreta Spectrum Disorders: A Matched Case- Control Study	Charis	Bourgioti
SSRI01-3	SSRI01	Reproductive Imaging (MRI of the Fetus and Placenta)	11/30/2021 15:00	Brain Myelination: Can It Be Visualized In Utero Using MRI?	Daniela	Prayer
SSRI01-4	SSRI01	Reproductive Imaging (MRI of the Fetus and Placenta)	11/30/2021 15:00	SARS-CoV-2 Infection During Pregnancy: Does Fetal MRI Show Signs Of Impaired Fetal Brain Development?	Nicola	Fink
SSRI01-6	SSRI01	Reproductive Imaging (MRI of the Fetus and Placenta)	11/30/2021 15:00	Evaluation Of Placental Heterogeneity Using DWI In Placenta Accreta Spectrum	Erin	Englund
SSRI02-1	SSRI02	Science Session with Keynote: Reproductive Imaging (Uterus and Cervix)	12/1/2021 15:00	Keynote Speaker	Evis	Sala
SSRI02-5	SSRI02	Science Session with Keynote: Reproductive Imaging (Uterus and Cervix)	12/1/2021 15:00	Accuracy Of Reported Adenomyosis On Pelvic Ultrasound And MRI Compared To Surgical Pathology	Nicole	Zanolli
SSRI02-6	SSRI02	Science Session with Keynote: Reproductive Imaging (Uterus and Cervix)	12/1/2021 15:00	Predicting Tumor Recurrence In Cervical Cancer Treated With Chemoradiotherapy - Additional Value Of Intravoxel Incoherent Motion Diffusion-weighted Imaging	Qi	Zhang
SSRI03-1	SSRI03	Science Session with Keynote: Reproductive Imaging (Ovary and Adnexa)	12/2/2021 15:00	Keynote Speaker	Elizabeth	Sadowski
SSRI03-2	SSRI03	Science Session with Keynote: Reproductive Imaging (Ovary and Adnexa)	12/2/2021 15:00	External Validation Of Orads Ultrasound Risk Stratification System To Discriminate Benign And Malignancy Adnexal Masses Diagnosis	Kalesha	Hack
SSRI03-5	SSRI03	Science Session with Keynote: Reproductive Imaging (Ovary and Adnexa)	12/2/2021 15:00	Classic Versus Non-classic Adnexal Lesions: Risk Of Ovarian Cancer In 878 Women	Elizabeth	Sadowski
SSRI03-6	SSRI03	Science Session with Keynote: Reproductive Imaging (Ovary and Adnexa)	12/2/2021 15:00	Challenges Of O-RADS US And MRI In The Assessment Of Complex Ovarian-adnexal Cysts $\geq$ 5 Cm	Yang	Guo

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSRO01-1	SSRO01	Radiation Oncology (Radiation Oncology)	11/29/2021 9:30	Price Comparison For Stereotactic Brain Radiation Therapy Using Chargemaster Data From National Cancer Institute-Designated Centers	Rahul	Prasad
SSRO01-2	SSRO01	Radiation Oncology (Radiation Oncology)	11/29/2021 9:30	Treatment Compliance To Linac-based Prostate SBRT Using Real-time Electromagnetic Tracking	RAFFAELLA	LUCCHINI
SSRO01-3	SSRO01	Radiation Oncology (Radiation Oncology)	11/29/2021 9:30	Availability Of Insurer-Negotiated Price Estimates For Radiotherapy And Systemic Therapy At National Cancer Institute-Designated Centers	Rahul	Prasad
SSRO01-4	SSRO01	Radiation Oncology (Radiation Oncology)	11/29/2021 9:30	Time To Proton Therapy For Pediatric Ependymoma Patients: A Report Of The Pediatric Proton/Photon Consortium Registry (PPCR) Study	Molly	Blau
SSRO01-5	SSRO01	Radiation Oncology (Radiation Oncology)	11/29/2021 9:30	Analysis Of Virtual Versus In-Person Prospective Peer Review Workflow In A Multisite Academic Radiation Oncology Department	Shearwood	McClelland III
SSRO02-1	SSRO02	Radiation Oncology (Neuroradiology/Head and Neck)	11/30/2021 9:30	Patterns Of Failure In Immunosuppressed Patients With Cutaneous Squamous Cell Carcinomas Of The Head And Neck Undergoing Adjuvant Radiotherapy	Teresa	Easwaran
SSRO02-3	SSRO02	Radiation Oncology (Neuroradiology/Head and Neck)	11/30/2021 9:30	Radiosurgery Dose Reduction For Brain Metastases On Immunotherapy (RADREMI): Gamma Knife Versus Linear Accelerator Outcomes From A Multicenter Phase I Trial	Shearwood	McClelland III
SSRO02-4	SSRO02	Radiation Oncology (Neuroradiology/Head and Neck)	11/30/2021 9:30	The Role Of Radiotherapy To The Primary Site In Oropharyngeal Cancer With Limited Metastases - A National Cancer Database (NCDB) Analysis	Michael	Kharouta
SSRO02-5	SSRO02	Radiation Oncology (Neuroradiology/Head and Neck)	11/30/2021 9:30	Multiparametric MRI As A Potential Predictor Of Tumor Infiltrating Lymphocytes And Tissue Hypoxia In Head-and-neck Cancer Patients - Post-hoc Analysis Of A Prospective Imaging Trial	Alexander	Ruhle
SSRO02-6	SSRO02	Radiation Oncology (Neuroradiology/Head and Neck)	11/30/2021 9:30	Should Extranodal Extension Be Disqualifying From Ipsilateral-only Radiotherapy For Well-lateralized Squamous Cell Carcinoma Of The Oropharynx	Kathryn	Hitchcock
SSRO03-1	SSRO03	Radiation Oncology (Gastrointestinal/Genitourinary/Gynecology)	12/1/2021 9:30	Follow-up Imaging In Patients Operated For Ovarian Cancer; Is It Really Necessary When Ca 125 Levels Are Normal? A Preliminary Study	Riccardo	Valletta

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSRO03-2	SSRO03	Radiation Oncology (Gastrointestinal/Genitourinary/Gynecology)	12/1/2021 9:30	Hypofractionated Radiation Leads To More Rapid Bleeding Cessation In Women With Vaginal Bleeding Secondary To Gynecologic Malignancy	Luke	Moradi
SSRO03-3	SSRO03	Radiation Oncology (Gastrointestinal/Genitourinary/Gynecology)	12/1/2021 9:30	Multi-modal Deep-learning Based Prediction Of Stereotactic Body Radiotherapy Induced Vertebral Compression Fracture	Seoyoung	Lee
SSRO03-4	SSRO03	Radiation Oncology (Gastrointestinal/Genitourinary/Gynecology)	12/1/2021 9:30	Combined Positron Emission Tomography-Computed Tomography And Magnetic Resonance Imaging For Response Evaluation In Patients With Squamous Cell Anal Carcinoma Treated With Curative-intent Chemoradiotherapy	Pratik	Adusumilli
SSRO03-5	SSRO03	Radiation Oncology (Gastrointestinal/Genitourinary/Gynecology)	12/1/2021 9:30	Longitudinal Monitoring Of Apparent Diffusion Coefficient (ADC) In Patients With Prostate Cancer Undergoing MR-guided Radiation Therapy On An MR-linac At 1.5 T: A Prospective Feasibility Study	Haidara	Al Mansour
SSRO03-6	SSRO03	Radiation Oncology (Gastrointestinal/Genitourinary/Gynecology)	12/1/2021 9:30	Computational Models Forecasting Response Of High-grade Glioma During Adaptive Radiation Therapy	Maguy	Farhat
SSRO04-1	SSRO04	Radiation Oncology (Lung)	12/2/2021 9:30	Comparison Of Therapeutic Effect Prediction For Chemoradiotherapy In Non-small Cell Lung Cancer Among CEST Imaging, DWI, FDG-PET/CT And Combined Predictors From MRI And PET/CT	Daisuke	Takenaka
SSRO04-2	SSRO04	Radiation Oncology (Lung)	12/2/2021 9:30	Did Patients With Cancer Receive Priority COVID-19 Vaccination?	Rahul	Prasad
SSRO04-3	SSRO04	Radiation Oncology (Lung)	12/2/2021 9:30	Dosimetric Comparison In Risk-adapted Robotic SBRT For Ultra-central Lung Tumors Between Monte Carlo And Ray Trace Dose Calculations: A Preliminary Study In 16 Patients	Hong	Xiang
SSRO04-4	SSRO04	Radiation Oncology (Lung)	12/2/2021 9:30	Association Of Non-Cancerous Features On Radiotherapy Planning CT Scans With Overall Survival In Patients With Stage I Non-Small Cell Lung Cancer	Ismail	Tahir
SSRO04-5	SSRO04	Radiation Oncology (Lung)	12/2/2021 9:30	Advanced MRI For Characterizing Myocardial Contractility Pattern In Small-animal Model Of Radiation Induced Cardiotoxicity	El-Sayed	Ibrahim
SSRO04-6	SSRO04	Radiation Oncology (Lung)	12/2/2021 9:30	A Prognostic Radiomic Model For NSCLC Patients At An Early Stage Treated With SBRT	Marco	Bertolini

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSVA01-4	SSVA01	Vascular Imaging (Artificial Intelligence in Vascular Imaging)	11/29/2021 9:30	Deep Learning Automated Phase Error Correction For Abdominopelvic 4D Flow MRI	Sophie	You
SSVA01-5	SSVA01	Vascular Imaging (Artificial Intelligence in Vascular Imaging)	11/29/2021 9:30	Accuracy Subanalysis Of A Deep Learning Neural Network Specific For The Identification Of Infrarenal Abdominal Aortic Aneurysms	Justin	Camara
SSVA02-3	SSVA02	Vascular Imaging (Peripheral Vascular Imaging)	11/30/2021 9:30	Multireader Evaluation Of The Impact Of High-Matrix Size Reconstructions In Image Quality And Diagnostic Confidence Of Peripheral Artery Disease In Arterial Runoff Studies Of The Lower Extremities	Fides	Schwartz
SSVA02-4	SSVA02	Vascular Imaging (Peripheral Vascular Imaging)	11/30/2021 9:30	Quiescent-interval Slice-selective (QISS) MRA Accurately Estimates Intravascular Stent Dimensions Prior To Intervention In Patients With Peripheral Artery Disease	Josua	Decker
SSVA02-5	SSVA02	Vascular Imaging (Peripheral Vascular Imaging)	11/30/2021 9:30	Diagnostic Value Of Standardized Mr Angiography Protocol In The Evaluation Of Thoracic Outlet Syndrome	Cammillo	Talei Franzesi
SSVA02-6	SSVA02	Vascular Imaging (Peripheral Vascular Imaging)	11/30/2021 9:30	Advanced Non-contrast Fresh Blood Imaging (FBI) MRA: Three-station Peripheral Runoffs With Less Than 6 Minutes	Vadim	Malis
SSVA03-2	SSVA03	Vascular Imaging (MR Angiography)	12/1/2021 8:00	Longitudinal Follow-up By Mr-angiography Reveals Progressive Dilatation Of The Distal Aorta After Aortic Root Replacement In Marfan Syndrome	Malte	Warncke
SSVA03-3	SSVA03	Vascular Imaging (MR Angiography)	12/1/2021 8:00	BAY1747846: A Novel Tetrameric, Macrocyclic Gadolinium-based Contrast Agent With A High Relaxivity For CE-MRI	Hubertus	Pietsch
SSVA03-4	SSVA03	Vascular Imaging (MR Angiography)	12/1/2021 8:00	False Lumen Regurgitant Fraction At Entry Tear Predicts Adverse Aorta-related Events In Type B Aortic Dissection	Bradley	Allen
SSVA03-5	SSVA03	Vascular Imaging (MR Angiography)	12/1/2021 8:00	Accuracy Of Non-contrast Magnetic Resonance Angiography Using Inflow-sensitive Inversion Recovery (IFIR) Technique For Upper Abdominal Arterial Vessels Evaluation: Comparison With Contrast-enhanced Magnetic Resonance Angiography And Computed Tomography Angiography	Marco	Porta
SSVA03-6	SSVA03	Vascular Imaging (MR Angiography)	12/1/2021 8:00	Baseline 4D Flow-derived In Vivo Kinetic Energy Stratifies Descending Aorta Dissection Patients With Enlarging Aortas	Stanley	Chu

Abstract Presentation Number	Session Number	Session Title	Session Start Date/Time	Abstract Title	Presenter First Name	Presenter Last Name
SSVA04-1	SSVA04	Vascular Imaging (Vascular Imaging)	12/2/2021 9:30	Influence Of The Comorbidities On The Dissection And Rupture Rate Of The Thoracic Aortic Aneurysm	Rokas	Liubauskas
SSVA04-2	SSVA04	Vascular Imaging (Vascular Imaging)	12/2/2021 9:30	Perfusion DSA Of The Abdominal Aorta During EVAR: A Work-in-progress	Stavros	Charalambous
SSVA04-5	SSVA04	Vascular Imaging (Vascular Imaging)	12/2/2021 9:30	Classification Of Dermal Back Flow Patterns In Photoacoustic Lymphangiography: Comparison With Near-infrared Fluorescence Lymphangiography In Lymphedema Patients	Yushi	Suzuki