

2021 AAPM VIRTUAL SPRING CLINICAL MEETING PROGRAM

Saturday, April 17

	THERAPY ROOM	DIAGNOSTIC ROOM	VENDOR TRACK
A 10:00 am - 12:00 pm	PROFESSIONAL (SAM) Project Management - Making Better Leaders Project Planning & Management <i>S Dielerich, J Johnson, S Breen</i> (Therapy Room)		10:00 am - 10:30 am Vendor Showcase Slot 1
			10:30 am - 11:00 am Break
12:00 pm - 12:30 pm	Break		11:00 am - 11:30 am Vendor Showcase Slot 2
			11:30 am - 12:00 pm Break
B 12:30 pm - 2:30 pm	EARLY-CAREER INVESTIGATOR SYMPOSIUM		12:00 pm - 12:30 pm Akesis, Inc. Slot 3
			12:30 pm - 1:00 pm Break
2:30 pm - 3:00 pm	Break		1:00 pm - 1:30 pm Vendor Showcase Slot 4
			1:30 pm - 2:00 pm Break
3:00 pm - 5:00 pm	JOINT THERAPY DIAGNOSTIC (SAM) Radiopharmaceutical Therapy Patient Specific Dosimetry - The Why and The How Dosimetry Methodologies and Nomenclature for Radiopharmaceutical Therapy - MRD and ICRU Quantitative Imaging and Associated Uncertainties in Patient Specific Dosimetry with Radiopharmaceutical Therapies Bio-effect Modeling and Combination Therapy with Radiopharmaceutical Therapies <i>W Bolch, Y Dewaraja, R Hobbs</i> (Therapy Room)		2:00 pm - 2:30 pm Vendor Showcase Slot 5
			2:30 pm - 3:00 pm Break
			3:00 pm - 3:30 pm Vendor Showcase Slot 6
			3:30 pm - 4:00 pm Break
			4:00 pm - 4:30 pm Vendor Showcase Slot 7
			4:30 pm - 5:00 pm Break

Sunday, April 18

	THERAPY ROOM	DIAGNOSTIC ROOM	VENDOR TRACK
A 10:00 am - 12:00 pm	THERAPY (SAM) The Uncertainty Session - Understanding Statistics and Clinical Trials A Clinical Physicist's Guide to Statistical Analysis in Medical Physics Articles: A Medical Physics Navigator for Mastering Clinical Trials <i>S Suttief, T Ritter, P Taylor, S Jolly</i>	DIAGNOSTIC (SAM) Nuclear Medicine Updates Implementing TG 126 PET/CT Acceptance and QA, Radiation Safety from a Diagnostic Perspective <i>S Leon, C Hansen</i>	10:00 am - 10:30 am Vendor Showcase Slot 8
			10:30 am - 11:00 am Break
12:00 pm - 12:30 pm	Break		11:00 am - 11:30 am Vendor Showcase Slot 9
			11:30 am - 12:00 pm Break
B 12:30 pm - 2:30 pm	PROFESSIONAL (SAM) Keeping Out of Harm's Way - Safety Revisited Prepare and Prevent: Safety in EBRT Brachy-ing Down Barriers: Best Practices for Patient Safety Safety Consideration for Proton Therapy <i>D Zheng, I Vergalisoov, X Liang</i>	PROFESSIONAL Regulatory and Certification Updates Government Updates in Medical Physics News from AAPM News from CRCRD News from the ABR <i>M Reiter, R Martin, J Elee, M Podgorsek</i>	12:00 pm - 12:30 pm Slot 10
			The Future is Now: Meet the AI Tools Reinventing Radiotherapy
2:30 pm - 3:00 pm	Break		12:30 pm - 1:00 pm Break
			1:00 pm - 1:30 pm Vendor Showcase Slot 11
3:00 pm - 5:00 pm	THERAPY (SAM) From Page to Clinic - Bringing Good Ideas to your Physics Group Real-world Implementation of Recent TG Reports Well-oiled Machine: Going the Extra Mile Through Clinical Efficiencies <i>C Buckley, E Clouse, D Harrington, T Blackwell</i>	DIAGNOSTIC (SAM) MRI Protocols Basics Translating Clinical Needs into Protocols State-of-the-Art Technology and Protocols <i>A Kocharian, R Stafford, T Andrews</i>	1:30 pm - 2:00 pm Break
			2:00 pm - 2:30 pm Vendor Showcase Slot 12
			2:30 pm - 3:00 pm Break
			3:00 pm - 3:30 pm Vendor Showcase Slot 13
			3:30 pm - 4:00 pm Break
			4:00 pm - 4:30 pm Vendor Showcase Slot 14
			4:30 pm - 5:00 pm Break

Monday, April 19

	THERAPY ROOM	DIAGNOSTIC ROOM	VENDOR TRACK
A 10:00 am - 12:00 pm	THERAPY (SAM) Let's Brachy It Down! Gamma Tile Brain Therapy Using Co-131 Tiles Custom Skin HDR Molds Intensity Modulated and Anisotropic Brachytherapy Sources <i>R DuBois, D Brachman, R DuBois, R Barton, W Song</i>	MAMMOGRAPHY (SAM) I.Mammo: Artificial Intelligence in Mammography Machine Learning for Healthcare AI and Health: A Physician's Perspective <i>A Yala, C Lehman</i>	SAM Partners in Solutions - Therapy You Want & by Whom?: Automating Effective Radiation Oncology Workflows Moderators: M Meineke, A Hadley
			12:00 pm - 12:30 pm Break
12:00 pm - 12:30 pm	Break		12:30 pm - 1:00 pm Slot 15
			Standard Imaging, Inc. DoseView 3D Water Scanning System: It's your time. Be precise.
B 12:30 pm - 2:30 pm	THERAPY (SAM) Automation Station Understanding the Automation Black Box Clinical Implementations of In-house Automation Tools in Radiation Treatment Planning <i>S Yoo, A Nelson</i>	DIAGNOSTIC (SAM) Tomo Topics - Focus on the Clinical Plane Digital Radiographic Tomosynthesis - QA/QC, Dosimetry, and More CT SSOE - Body, Head, and Beyond <i>J Sabol, M McNis-Gay</i>	1:00 pm - 1:30 pm Break
			1:30 pm - 2:00 pm Slot 16
2:30 pm - 3:00 pm	Break		MIM Software, Inc. Overcoming Peer Review Challenges with MIM Harmony
			2:00 pm - 2:30 pm Break
3:00 pm - 5:00 pm	THERAPY (SAM) Topics in QA The Role of Medical Physicists in Quality Assurance of Radiation Oncology Information System (ROIS) Upgrades: Pre-treatment and Transit Dosimetry using the EPID <i>B Yi, P Balter, B Zhang, A Oich, P Greer, B Myjniek, K Padgett</i>	MAMMOGRAPHY (SAM) Emerging Technologies: Breast Density Software and CEM Applications of Automated Volumetric Density Software for Optimized Breast Cancer Screening Contrast Enhanced Mammography: Principles and Practice; The Emerging Role of Contrast Enhanced Mammography <i>M Yaffe, S Fahrmeizoltz, B Patel</i>	2:30 pm - 3:00 pm Slot 17
			iBA Dosimetry Accuracy and Efficiency for SRS and SBRT QA
5:00 pm - 5:30 pm	Break		3:00 pm - 3:30 pm Break
			3:30 pm - 4:00 pm Vendor Showcase Slot 18
D 5:30 pm - 6:30 pm	PROFESSIONAL (SAM) Practical Strategies to Support EDI through Alysip A Framework for Discussing Race in the Workplace The Alysip Journey Creating EDI Critical Mass within AAPM <i>J Pollard-Larkin, D Williams, B Gittens</i> (Therapy Room)		4:00 pm - 4:30 pm Break
			4:30 pm - 5:00 pm Vendor Showcase Slot 19
			5:00 pm - 5:30 pm Break
			5:30 pm - 6:00 pm Vendor Showcase Slot 20
			6:00 pm - 6:30 pm Break

Tuesday, April 20

	THERAPY ROOM	DIAGNOSTIC ROOM	VENDOR TRACK
A 10:00 am - 12:00 pm	THERAPY ROOM (SAM) Don't Throw the Past Away: New Takes on QA and 3D Printing 3D Printing of QA Phantoms - From Conception to Prototype to Application: Turbolen Filed 3D Printed Field Shaping Devices for Electron Beam Radiation Therapy Practical Application of IAEA-AAPM TRS-483 for Co-60 Based SRS/SBRT Systems Reference Dosimetry Techniques on a GammaPod System: Everything Old is New Again: Reveal of the Winston-Lutz Test to Improve Machine QA in the Digital Age <i>J Gagneur, L Skinner, W Culbertson, S Becker, W Du</i>	DIAGNOSTIC (SAM) Fluoroscopy Dose Calculations - Adding Value to Safety CPT for Diagnostic Physics - What it is and How to Implement PSD Calculations - Success and Pitfalls with Conventional Methods PSD Calculations - Success and Pitfalls with Dose Monitoring Software <i>R Fisher, A Jones, E Marshall</i>	SAM Partners in Solutions - Diagnostic The Balancing Act: Optimizing CT Image Quality and Dose Moderators: C Burton, Y Liu
			12:00 pm - 12:30 pm Break
B 12:30 pm - 2:30 pm	THERAPY (SAM) Picture this: Maximizing the Use of Imaging to Benefit Therapy Beyond ADCT: It's About Time Practical Consideration of Deformable Image Registration Commissioning: MR Guided Radiotherapy: Implementation and Clinical Application <i>D Low, Y Rong, J Chetty, J Dolan</i>	MAMMOGRAPHY (SAM) Live and In Stereo: Mammography Tips and Tricks When the Glove Just Doesn't Quite Fit: Surveying Stereotactic Breast Biopsy Attachments and Tomosynthesis-guided Unils: Melting Mammography Measurement Minutes <i>K Hulme, J Mueller</i>	12:30 pm - 1:00 pm Slot 21
			Modus QA Measuring Geometric Distortion with Sub-Millimeter Accuracy in MR/RT QA
2:30 pm - 3:00 pm	Break		1:00 pm - 1:30 pm Break
			1:30 pm - 2:00 pm Vendor Showcase Slot 22
C 3:00 pm - 5:00 pm	PROFESSIONAL (SAM) Patient Communications Experiences in Communicating with Patients Effective Communication Strategies for Patient Interactions Cultural Competency in Patient Interactions <i>T Alwood, D Brown, T Juang</i> (Therapy Room)		2:00 pm - 2:30 pm Break
			2:30 pm - 3:00 pm Vendor Showcase Slot 23
			3:00 pm - 3:30 pm Break
			3:30 pm - 4:00 pm Vendor Showcase Slot 24
			4:00 pm - 4:30 pm Break
			4:30 pm - 5:00 pm Vendor Showcase Slot 25