

KEY

- Imaging Education
- Imaging Scientific
- Therapy Education
- Therapy Scientific
- Multi-Disciplinary Scientific
- Practical Medical Physics
- Professional
- Exhibition
- Specialty Track
- President's Sessions of Note

PROGRAM AT A GLANCE | SUNDAY, JULY 12

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7
A 10:30 AM EDT (7:30 AM PDT) – 11:30 AM EDT (8:30 AM PDT)	SAM Imaging Scientific Symposium Calibrating the Radiologist: Sequential Effects in the Reading Room Moderators: C Abbey, J Boone C Abbey, S Taylor-Phillips, M Webster	SAM Data Science Symposium Ontologies Supporting Diagnostic Imaging, Therapy and Science Moderator: C Mayo M Phillips, P Gabriel, R Kudner, L Tarbox	SAM Therapy Scientific Symposium FLASH Therapy – Current Status and the Way to the Clinic Moderator: J Schuemann M Mendonca, C Duzenli, E Diffenderfer, P Montay-gruel	SAM Imaging Educational Course Anatomical and Clinical Diagnostic Reference Levels; An Update Moderators: V Tsapaki, K Kanal J Damilakis	SAM Therapy Educational Course Monitoring, Mitigation, and Impact of Intrafraction Tumor Motion Moderators: P Poulsen, L Cervino J Bertholet, B Jones, J Legendijk	Education Council Symposium: CAMPEP 101 Moderators: G Starkschall, J Prisciandaro M McNitt-Gray, D Hintenlang, N Dogan	SAM Educational Topic-Specific Guided Tours-Imaging Imaging/Diagnostics QA Phantoms Moderator: C Burton
B 11:30 AM EDT (8:30 AM PDT) – 12:30 PM EDT (9:30 AM PDT)	Imaging Scientific Session Radiation Dose in Radiography and Fluoroscopy V Tsapaki, S Brady	Multi-Disciplinary Scientific Session Quantitative Imaging Y Vinogradskiy, D Pafundi		SAM Imaging Educational Course Discontinuing Patient Gonadal Shielding: Why AAPM CARES Moderators: R Marsh, S McKenney K Strauss, D Frush, G Morrison, J Elee	SAM Therapy Educational Course Imaging for Proton Therapy Moderators: Y Xie, B Winey H Bouchard, J Kruse	Professional Symposium Hashtags 101: Social Media for Medical Physicists Moderators: D Stanley, T Atwood C Glide-Hurst, M Mahesh, M Knoll	
	BREAK 12:30 PM EDT (9:30 AM PDT) – 1:00 PM EDT (10:00 AM PDT)						
C 1:00 PM EDT (10:00 AM PDT) – 2:00 PM EDT (11:00 AM PDT)	Imaging Scientific Session Radiation Dose in Computed Tomography M McNitt-Gray, S McKenney	Multi-Disciplinary Scientific Session SCIENCE COUNCIL SESSION: Data-Driven Automation and Decision Making and Explanatory AI Moderators: B Fraass, K Brock M Giger, T Purdie, R Caruana	SAM Therapy Scientific Symposium Thunder and Light(ning): Applications and Potential of Radiation Acoustics and Optics Moderators: I El Naqa, M Oldham K Parodi, S Hickling, S Avery, L Xiang, B Pogue, T Zhu, S Cherry	SAM Imaging Educational Course The Era for Theranostics in Imaging and Therapy Moderator: J Zhang M Graham, G Sgouros, M Natwa	SAM Therapy Educational Course Advances in Permanent Seed/Source Implantation (PSI) Brachytherapy Moderators: T Podder, L Beaulieu F Mourtada, M Rivard	AAPM Medical Physics Student Meeting: Radiobiology - The Key Toward Individualized Patient Care Moderators: J Burmeister, K McConnell V Moiseenko, M Joiner, E Thompson, R Stewart	
D 2:00 PM EDT (11:00 AM PDT) – 3:00 PM EDT (12:00 PM PDT)	Imaging Scientific Session MultiModality Imaging P Kinahan, J Clements				SAM Therapy Educational Course Adaptive Radiotherapy Moderators: L Cervino, I Chetty G Hugo, M Matuszak, M Cao		
	BREAK 3:00 PM EDT (12:00 PM PDT) – 3:30 PM EDT (12:30 PM PDT)						
E 3:30 PM EDT (12:30 PM PDT) – 4:30 PM EDT (1:30 PM PDT)	Imaging Scientific Session Computed Tomography J Stayman, K Boedeker	SAM Multi-Disciplinary Scientific Symposium Medical Image Synthesis in Radiotherapy Moderators: X Yang, L Ren H Veeraraghavan	Therapy Scientific Session Quality, Safety and Automation J Lamb, J Moran	SAM Imaging Educational Course Image Quality and Dosimetry Assessments for C-Arm CBCT Systems - Assessment Options from AAPM Report 238 Moderators: M Supanich, B Schueler	SAM Therapy Educational Course TG 203: Implanted Cardiac Devices Moderators: M Miften, J Prisciandaro D Mihailidis	SAM Therapy Educational Course Introduction to Pencil Beam Scanning Proton Therapy Moderators: K Langen, A Gutierrez M Zhu, S Mossahebi	SAM Educational Topic-Specific Guided Tours-Therapy Beam Scanning System Moderators: L Wilson, K Hasse
F 4:30 PM EDT (1:30 PM PDT) – 5:30 PM EDT (2:30 PM PDT)	Imaging Scientific Session Pre-Clinical and Optical Imaging R Weersink, J Wong	Multi-Disciplinary Scientific Session Image Registration and Synthesis Y Yang, D Ruan	Therapy Scientific Session Dosimeters and Portal Dosimetry R Howell, I Chetty	SAM Imaging Educational Course Case-based Review: MRI Safety Moderators: W Sensakovic, D Jordan A Panda, T Gilk, C Sammet, R Stafford	SAM Therapy Educational Course Clinical Outcomes Modeling Moderators: D Carlson, S Qi M Guerrero, V Moiseenko	Professional Symposium MS vs PhD vs DMP: A Live Medical Physics Podcast Moderators: S Tanny, A Herrick N Sperling, A Roth	



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PROGRAM AT A GLANCE | MONDAY, JULY 13

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7	
<div>A</div> <div>10:30 AM EDT (7:30 AM PDT) –</div> <div>11:30 AM EDT (8:30 AM PDT)</div>	<div><div>⬡</div><div>President's Symposium</div><div>Improving Health Quality; Increasing Global Impact</div><div>Moderator: S Huq</div><div>I Albanti, M Rogers, J Chessell, HRH D Mired</div><div>(LOCATION: TRACK 1)</div></div>							
<div>B</div> <div>11:30 AM EDT (8:30 AM PDT) –</div> <div>12:30 PM EDT (9:30 AM PDT)</div>								
	BREAK 12:30 PM EDT (9:30 AM PDT) – 1:00 PM EDT (10:00 AM PDT)							
<div>C</div> <div>1:00 PM EDT (10:00 AM PDT) –</div> <div>2:00 PM EDT (11:00 AM PDT)</div>	J.R. Cameron - J.R. Cunningham Young Investigator Symposium E Ritenour, M Podgorsak	SAM Practical Medical Physics Course Troubleshooting Issues in Diagnostic Imaging: Case Studies and Discussion Moderators: J Frimeth, T Oshiro C Cagnon, N Yanasak, K Brown, R Al-Senan	SAM Practical Medical Physics Course A Point/Counterpoint on Current and Future Directions for Patient Specific QA Moderators: X Tang, S Kry A McNiven	SAM Imaging Educational Course Image Guidance for Therapeutic Ultrasound Moderators: K Bader, S Sammet K Haworth, R Jones, S Schoen, R Chopra	SAM Therapy Educational Course Multiparametric MRI for Precision Radiotherapy: from Physics to Clinical Applications Moderators: J Cai, F Kong J Wang, C Glide-Hurst	President's Satellite Symposium Challenges and Opportunities in Global Cancer Care Moderators: J Palta, S Huq W Ngwa, E Cazap, N R Datta, M Wahab, D Wilson	Vendor Showcase Slot 1 1:00 pm – 1:30 pm ScandiDos It's Time for Change!! Find out how to alleviate the burdens in your daily workday, creating a more efficient and happier work environment, without compromising safety with the Delta4 Family of Products.	
<div>D</div> <div>2:00 PM EDT (11:00 AM PDT) –</div> <div>3:00 PM EDT (12:00 PM PDT)</div>			SAM Practical Medical Physics Course ADCL Calibrations - More Than Just a Number Moderators: W Culberson, S Kry M McEwen, K Working	SAM Imaging Educational Course An Introductory Odyssey Through Spin Physics Moderators: N Yanasak, D Jordan A Wolbarst	SAM Therapy Educational Course Cranial SRS Advances Moderators: R Popple, A Rodrigues D Letourneau, B Winey	Professional Symposium Professional Economics Update Moderators: J Fontenot, W Fuss	Vendor Showcase Slot 2 1:30 pm – 2:00 pm Elekta Leksell Gamma Knife® Lightning – A simple solution for accelerated radiosurgery	
						Vendor Showcase Slot 3 2:00 pm – 2:30 pm The Phantom Laboratory Latest Offerings on Phantom Laboratory's MR and CT Phantoms	Vendor Showcase Slot 4 2:30 pm – 3:00 pm MIM Software, Inc. Challenges Impacting an Effective Peer Review Process	
	BREAK 3:00 PM EDT (12:00 PM PDT) – 3:30 PM EDT (12:30 PM PDT)							
<div>E</div> <div>3:30 PM EDT (12:30 PM PDT) –</div> <div>4:30 PM EDT (1:30 PM PDT)</div>	SAM Imaging Scientific Symposium More than Just a Pretty Picture: Making MRI Quantitative Moderators: J Trzasko, K Keenan C Lucas Tardif	Multi-Disciplinary Scientific Session Imaging for Particle Therapy B Pogue, T Bortfeld	Therapy Scientific Session FLASH Enabling Technologies and Fast Monte Carlo Methods J Pollard-Larkin, X Jia	SAM Imaging Educational Course ACR Programs and Updates Moderators: D Gress, W Creech J Och, T Ruckdeschel, A Jones	SAM Practical Medical Physics Course The Water Tankless Annual and Two-Hour Monthly QA, Ways to Improve Your Life with Detector Arrays Without Sacrificing Quality Moderators: S Gao, P Balter S Stathakis	SAM Professional Symposium Getting Under the Hood in the IR/ Cath Lab: Utilizing New Standards for Performance Evaluations Moderators: R Marsh, M Supanich K Wunderle, A Kuhls-Gilcrist	Vendor Showcase Slot 5 3:30 pm – 4:00 pm LAP of America Laser Applications, LLC Introducing RadCalc 3D Modules – Monte Carlo and Collapsed Cone	
<div>F</div> <div>4:30 PM EDT (1:30 PM PDT) –</div> <div>5:30 PM EDT (2:30 PM PDT)</div>	Imaging Scientific Session Magnetic Resonance Imaging D Jordan, A Yahya	Multi-Disciplinary Scientific Session Automatic Segmentation L Court, Y Xiao			SAM Therapy Educational Course The Radiation Oncology Data Sharing Landscape: Registries, Clinical Trials, Data Warehouses Moderators: S Hadley, C Fox S Quirk	SAM Professional Symposium Mentorship: Let's Look at Both Sides of the Equation Moderators: J Hoisak, K Surry N Barrett, Y Rong, F Khosa, A Roth	Vendor Showcase Slot 6 4:00 pm – 4:30 pm LAP of America Laser Applications, LLC Use of LAP Laser Systems in MR Environments	
						Vendor Showcase Slot 7 4:30 pm – 5:00 pm Radformation Automating Plan Checks for Increased Safety and Efficiency	Vendor Showcase Slot 8 5:00 pm – 5:30 pm iRT Systems Corporation Real-time monitoring of hypo-fractionated treatments with IQM	



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PROGRAM AT A GLANCE | TUESDAY, JULY 14

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7
A 10:30 AM EDT (7:30 AM PDT) – 11:30 AM EDT (8:30 AM PDT)	SAM Imaging Scientific Symposium The Robots are Coming! AI for Breast Imaging Interpretation Moderator: I Sechopoulos L Hadjiiski	SAM Multi-Disciplinary Scientific Symposium Quantitative Imaging for Treatment Assessment Moderator: Z. Chang, D Yan D Pafundi	SAM Therapy Scientific Symposium Recent Developments in Proton Therapy Moderator: K Sheng L Dong, K Parodi, C Beltran	SAM Imaging Educational Course Updates on Shielding Design for Diagnostic Medical Physicists Moderators: M DeLorenzo, K Yang T Fisher, R Wendt, C Martin	SAM Therapy Educational Course Practical Aspects of FLASH: What Physicists Should Know Moderators: J Farr, P Maxim M Bazalova-Carter, J Metz	SAM Professional Symposium Professionalism and Soft Skills in Residency: Finding a Happy Medium Between Didactic Instruction and Self-directed Learning Moderators: H Al-Hallaq, A Rodrigues I Vergalasova, L Padilla, D Brown	Vendor Showcase Slot 9 10:30 am – 11:00 am Radiological Imaging Technology, Inc. Comprehensive TG-142 QA with RITG142
B 11:30 AM EDT (8:30 AM PDT) – 12:30 PM EDT (9:30 AM PDT)	Imaging Scientific Session Mammography and Other Breast Imaging K Hulme, J Mainprize	SAM Data Science Symposium AI in Clinical Medical Physics Moderator: D Ruan W Sensakovic, S Brady, Y Xiao	SAM Therapy Scientific Symposium Real Time Imaging and Tracking for SBRT Moderators: P Keall, G Tang P Poulsen		SAM Therapy Educational Course Imaging Biomarkers in Radiation Oncology and Beyond: Development, Evaluation and Clinical Translation Moderators: D Pafundi, S Bowen J Waterton, N Tyagi, T Yamamoto, I El Naqa	SAM Professional Symposium Formalizing Professionalism and Soft Skills Training in Residency: Examples from Programs Moderators: K Hendrickson, L Schubert T Pawlicki, M Roumeliotis	Vendor Showcase Slot 10 11:00 am – 11:30 am The Phantom Laboratory Latest Offerings on Phantom Laboratory's MR and CT Phantoms
	BREAK 12:30 PM EDT (9:30 AM PDT) – 1:00 PM EDT (10:00 AM PDT)						
C 1:00 PM EDT (10:00 AM PDT) – 2:00 PM EDT (11:00 AM PDT)	Imaging Scientific Session Cone-beam CT R Marsh, H Ingleby	Multi-Disciplinary Scientific Session Outcome Prediction and Treatment Assessment M Matuszak, C Duzenli	Therapy Scientific Session Patient-Centered Therapy T Liu, K Nile	SAM Imaging Educational Course Modern Mammography QC: Managing Quality Amidst a Mindset of Growth Moderators: K Hulme, E Marshall	SAM Therapy Educational Course Matters of the Heart: From Cardiac Radioablation to Cardiac Sparing and Toxicity Moderators: G Hugo, L Conroy C Robinson, M Cao, C Glide-Hurst	SAM Professional Symposium MPLA Session: Personal Leadership in Uncertain Times Moderators: S Prajapati, S Simiele J Johnson	SAM Partners in Solutions — Therapy GYN Brachytherapy Applicators Moderator: D Schofield
D 2:00 PM EDT (11:00 AM PDT) – 3:00 PM EDT (12:00 PM PDT)	Imaging Scientific Session Radiography and Fluoroscopy N Ford, T Bjarnason		Therapy Scientific Session Cardiac Imaging, Sparing and Ablation G Hugo, L Conroy	SAM Imaging Educational Course Stereotactic Breast Biopsy and Beyond: Principles and Radiologists' Perspectives Moderators: I Reiser, Z Lu K Kulkarni	SAM Therapy Educational Course Automated Planning and Data-Driven Plan Quality Control Moderators: K Moore, L Olsen T Purdie, J Lowenstein	SAM Professional Symposium Conflict to Mutual Goals: Foundational Mindset and Skills Moderator: K Hendrickson S Kim	
	BREAK 3:00 PM EDT (12:00 PM PDT) – 3:30 PM EDT (12:30 PM PDT)						
E 3:30 PM EDT (12:30 PM PDT) – 4:30 PM EDT (1:30 PM PDT)	SAM Imaging Scientific Symposium Quantitative Ultrasound Imaging: From Benchtop to a Clinical Protocol Moderators: I Rosado-Mendez, J Mamou T Hall, J Fowlkes, M Averkiou	Multi-Disciplinary Scientific Session MRI in Radiotherapy C Glide-Hurst, X Li	Therapy Scientific Session Automated Treatment Planning K Moore, Q Wu	SAM Imaging Educational Course Advanced MR in Clinic Moderators: H Liu, X Zhou Y Jung, S Einstein	SAM Therapy Educational Course Mechanisms and Clinical Significance of Particle RBE Moderators: D Carlson, R Stewart J Ödén, F Kamp, H Paganetti	SAM Professional Symposium Guidelines for Writing and Reviewing AAPM Task Group Reports Moderator: R Stern, K Wunderle J Moran, S Dieterich, E Gingold	SAM Partners in Solutions — Imaging Imaging/Diagnostics QA Software Moderator: Y Liu
F 4:30 PM EDT (1:30 PM PDT) – 5:30 PM EDT (2:30 PM PDT)					SAM Therapy Educational Course Practical Integration of MRI in Clinical Radiation Oncology Moderators: A Damato, J Lewis C Williams, V Yu, A Ravi	SAM Professional Symposium Why Smart AAPM and COMP Members Do Dumb Things Moderators: A Rubinstein, S Evans D Brown, T Pawlicki	
	AWARDS CEREMONY 5:40 PM EDT (2:40 PM PDT)						



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PROGRAM AT A GLANCE | WEDNESDAY, JULY 15

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7
A 10:30 AM EDT (7:30 AM PDT) –	SAM Imaging Scientific Symposium How Low Can CT Dose Go? Future Dose Reduction Technologies Moderators: M Kachelriess, F Noo J Maier, M McNitt-Gray, G Gang	SAM Multi-Disciplinary Scientific Symposium Development of New Affordable Medical Physics Technology for the Developing World Moderators: V Tsapaki, M Bazalova-Carter D Pfeiffer, B van Ginneken	Therapy Scientific Session Proton and Heavy Ion Therapy L Dong, J Kruse	SAM Imaging Educational Course Molecular Imaging Guided Interventions Moderators: B Sattler, A Kirov F Leeuwen, S Das, A Meltzer	SAM Therapy Educational Course Point/Counterpoint: Most Pediatric Patients Should Be Treated at Proton Therapy Centers Moderators: C Hua, S Flampouri P Xia, D Mah, A Olch	Professional Symposium Integrating the Healthcare Enterprise – Radiation Oncology Progress Report Moderator: S Hadley B Curran, W Bosch	Vendor Showcase Slot 13 10:30 am – 11:00 am MIM Software, Inc. MIM SureCalc® MonteCarlo – Next-Generation Plan Second Check QA and Adaptive Therapy Assessment
B 11:30 AM EDT (8:30 AM PDT) –		Multi-Disciplinary Scientific Session Novel Imaging Technologies for IGRT D Low, L Ren	Therapy Scientific Session Radiobiology of Ion Therapy J Polf, S Flampouri		SAM Therapy Educational Course Joint AAPM-ESTRO Symposium: Adoption of Artificial Intelligence in Clinical Radiotherapy Practice Moderators: N Jornet, D Jaffray M Gooding, L Court, O Morin	SAM Professional Symposium Are You the One Dropping the Ball? Tools, Tips and Tricks for Improving Workplace Efficiency in the Clinical and Research Setting Moderators: P Basran, L Beaulieu T Bjarnason	Vendor Showcase Slot 14 11:00 am – 11:30 am IBA Dosimetry Monte Carlo based 3D Patient QA for Halcyon/Ethos – clinical examples
12:30 PM EDT (9:30 AM PDT)		Vendor Showcase Slot 15 & 16 11:30 am – 12:30 pm RaySearch Laboratories AB Data-driven oncology/Automatic treatment planning and machine learning from a clinical perspective					
	BREAK 12:30 PM EDT (9:30 AM PDT) – 1:00 PM EDT (10:00 AM PDT)						
C 1:00 PM EDT (10:00 AM PDT) –	Imaging Scientific Session Dynamic and Photon-Counting CT C McCollough , I Sechopoulos	SAM Multi-Disciplinary Scientific Symposium Advances of Radiomics and Genomics in Cancer Management Moderators: F Yin, Y Xiao M Giger, J Deasy, I Tai	SAM Therapy Scientific Symposium Small Animal Radiotherapy: What’s New? Moderator: M Bazalova-Carter Y Poirier, K Sheng, M Ghita	SAM Imaging Educational Course Fluoroscopic Dose Tracking: Trials, Tribulations, and Successes Moderators: B Schwarz, R Fisher O Christianson	SAM Therapy Educational Course An Immuno-Oncology Primer for Physicists Moderators: E Ford, S Chang J Schoenfeld, J Jin	SAM Professional Symposium International Symposium: AAPM and International Activities-Bending Silos to Foster Success Moderators: S Parker, D Brown D Gilley, P Sandwall, B Li, A Wakhule, C Lopes, J Van Dyk, M Van Prooijen, E Flores-Martinez	Vendor Showcase Slot 17 1:00 pm – 1:30 pm VisionRT Ltd Hypofractionation Safety & Accuracy with SGRT
D 2:00 PM EDT (11:00 AM PDT)			Imaging Scientific Session Nuclear Medicine S Kappadath, C Hruska		Therapy Scientific Session Small Animal Irradiator and Radiobiology P Lindsay, Y Poirier		SAM Therapy Educational Course Physics Requirements for Implementing a Radiopharmaceutical Therapy (RPT) Program Moderator: R Hobbs, B Bednarz B Greenspan, S Graves
E 2:00 PM EDT (11:00 AM PDT) –							
F 3:00 PM EDT (12:00 PM PDT)						Vendor Showcase Slot 20 2:30 pm – 3:00 pm Alyzen Medical Physics, Inc. A New Standard in Commissioning	
	BREAK 3:00 PM EDT (12:00 PM PDT) – 3:30 PM EDT (12:30 PM PDT)						
E 3:30 PM EDT (12:30 PM PDT) –	SAM Imaging Scientific Symposium Hot Topics in Breast MRI Moderators: C Hruska, F Pineda K Kulkarni, J Mcdonald	Multi-Disciplinary Scientific Session Radiomics and Genomics F Yin, Y Kuang	SAM Therapy Scientific Symposium Radiation Therapy in the Era of Artificial Intelligence Moderator: D Nguyen H Li, S Jiang, J Van Soest, L Conroy, G Valdes	SAM Imaging Educational Course Current Status and Issues with Dental and Maxillofacial CBCT: Potential Methodologies for Quality Control and Management of this Technology Moderators: D Mihailidis, E Gingold R Pizzutiello	SAM Therapy Educational Course End to End (E2E) Testing in Radiation Therapy Moderators: J Schreiner, J Lowenstein M Oldham	SAM Professional Symposium Clinical Communication Training for Medical Physicists Moderators: D Brown, L Padilla T Atwood, J Burmeister	Vendor Showcase Slot 21 3:30 pm – 4:00 pm Sun Nuclear Corporation Advancing RT QA – Latest Solutions from Sun Nuclear
F 4:30 PM EDT (1:30 PM PDT)							Vendor Showcase Slot 22 4:00 pm – 4:30 pm TheraPanacea The future is here: learn how AI is already transforming radiotherapy workflow
F 4:30 PM EDT (1:30 PM PDT) –	Imaging Scientific Session Deep Learning in MRI J Stafford, K Drukker						Multi-Disciplinary Scientific Session Real-time Imaging and Tracking R Berbeco, H Al-Hallaq
F 5:30 PM EDT (2:30 PM PDT)		VendorShowcase Slot 24 5:00 pm – 5:30 pm Sun Nuclear Corporation Critical Components of a Stereotactic Radiosurgery/Radiotherapy Program					



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PROGRAM AT A GLANCE | THURSDAY, JULY 16

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7
A 10:30 AM EDT (7:30 AM PDT) –	SAM Imaging Scientific Symposium Joint EFOMP AAPM Symposium: Total Body PET: The Ultimate Molecular Imaging Tool Moderators: A Lammertsma, S Cherry J Karp, T Jones	SAM Multi-Disciplinary Scientific Symposium Next Steps in Image-Guided Surgery: Improvements in Planning and Delivery Moderator: R Weersink E Kaye, A Uneri	Therapy Scientific Session Novel Brachytherapy Techniques R Flynn	Multi-Disciplinary Scientific Session Imaging for Treatment Planning and Adaptive Therapy L Cervino, M Kessler	Therapy Scientific Session Treatment Planning and Delivery Techniques K Sheng, W Smith	SAM Professional Symposium Scope of Practice, Code of Ethics, and Liability in Clinical Medical Physics Practice Moderators: J Frimeth, G White B Parker, C Kirkby, B Elshahat	Vendor Showcase Slot 25 10:30 am – 11:00 am Philips Healthcare Pinnacle
B 11:30 AM EDT (8:30 AM PDT) –		SAM Multi-Disciplinary Scientific Symposium Image Guided Ablation: Is It Heating Up or Cooling Down? Moderator: K Gorny J Stafford, A Deisher, A Fenster	Therapy Scientific Session Nanotechnology and Radionuclide Therapy S Cho, R Thomson		SAM Therapy Scientific Symposium Outcome Modeling and Response Prediction Moderators: X Qi, X Li I El Naqa, J Seuntjens	SAM Professional Symposium The Evolution of the ABR Certification Program to its Current State Moderators: M Podgorsak, K Kanal R Pooley	Vendor Showcase Slot 26 11:00 am – 11:30 am LAP of America Laser Applications, LLC Introducing RadCalc 3D Modules – Monte Carlo and Collapsed Cone
12:30 PM EDT (9:30 AM PDT)							Vendor Showcase Slot 27 11:30 am – 12:00 pm LAP of America Laser Applications, LLC Use of LAP Laser Systems in MR Environments
	BREAK 12:30 PM EDT (9:30 AM PDT) – 1:00 PM EDT (10:00 AM PDT)						
C 1:00 PM EDT (10:00 AM PDT) –	Imaging Scientific Session Spectral CT Imaging G Gang, M Supanich	SAM Multi-Disciplinary Scientific Symposium Dosimetry for Radionuclide Therapies: How do we get there and where can it take us? Moderator: S St. James J Sunderland, E Roncali, R Rockne	SAM Therapy Scientific Symposium Re-irradiation Imaging, Planning and Biology Moderator: C Mayo M Matuszak, A Jackson, M Milosevic, A Appelt	SAM Practical Medical Physics Course NCRP 184 - Radiation Exposure to Patients in the United States Moderator: M Mahesh D Frush, D Miller	SAM Practical Medical Physics Course Development of a Clinical Program for MR-Linac Technology: Tips from Installation to Clinical Implementation Moderators: B Keller, J Smilowitz J Wang	Professional Symposium Y-90: Physician and Physicist Perspectives Moderators: J Stickel, D Jordan N Busse, M Khayat	SAM Partners in Solutions – Imaging Imaging/Diagnostics QA Software Moderator: Y Liu
D 2:00 PM EDT (11:00 AM PDT) –				Imaging Scientific Session Novel Imaging Technologies I Reiser, M Yaffe	Multi-Disciplinary Scientific Session Imaging for Surgery and Other Interventions K Brock, T Zhu	Multi-Disciplinary Scientific Session Quality Control in Imaging and Therapy N Becker, H Li	
3:00 PM EDT (12:00 PM PDT)							

