

2022 SPRING CLINICAL MEETING INFORMATION PROGRAM | NEW ORLEANS, LOUISIANA

Saturday, March 26, 2022

	CELESTIN D-E BALLROOM	CELESTIN ABC BALLROOM
7:55 AM	Opening Remarks: General Meeting Information Michael Howard, SCMSC Chair <small>(Celestin D-E)</small>	
A 8:00 am - 10:00 am	PROFESSIONAL (SAM) AAPM Medical Physics Practice Guidelines AAPM Medical Physics Practice Guideline; Update on Therapy MPPGs; Update on Imaging MPPGs <i>D Pavord, A Olch, M Keenan</i> <small>(Celestin D-E)</small>	
10:00 am - 10:30 am	Visit the Vendors Refreshments in Exhibit Hall	
B 10:30 am - 12:30 pm	EARLY-CAREER INVESTIGATOR CLINICAL SYMPOSIUM <small>(Celestin D-E)</small>	
12:30 pm - 1:30 pm	Lunch in Exhibit Hall	
1:30 pm - 2:00 pm	Vendor Showcase Sun Nuclear Corporation Improving Patient Safety through Standardized, Automated Quality Management for Standard & SRS Treatments <i>Jason Tracy, MS, DABR(R), RT(T)</i> <small>(Celestin D-E)</small>	
C 2:00 pm - 4:00 pm	THERAPY (SAM) Practical Considerations for the Clinical Physicist Enhancing a Physicist's Role in the Assessment of Treatment Plan Quality; Superficial Targets: Do I Use Photons, Electrons or Brachytherapy?; Are You Ready When Patients Undergoing Radiotherapy Have Such Implanted Devices? <i>J Kavanaugh, M Lin, E Draeger, K Hagstrom, C Shi, M Chan</i>	DIAGNOSTIC (SAM) CTDIvol - The Helical Revolution Overcoming Clinical Challenges in Measuring CTDIvol; How Changes Can Happen in ACR Accreditation; Challenges in Traditional Axial CTDIvol Measurements Eliminated with the Proposed Helical CTDIvol Method <i>E Olguin, D Gress, T Aufderberge</i>
4:00 pm - 4:30 pm	Visit the Vendors Refreshments in Exhibit Hall	
D 4:30 pm - 5:30 pm	THERAPY (SAM) Radiation Timing: The Physician & Physicist Perspective Radiobiological and Clinical Principles That Guide Treatment Schedule Changes; Practical Approaches to Documenting Accumulation From Multiple and Missed Treatments <i>K Huber, M Taylor</i>	DIAGNOSTIC (SAM) Carson-Zagzebski Distinguished Lectureship On QIBA Profiles in Ultrasound US QIBA - Pulse Echo Quantitative US Parameters (PEQUS) and Shear Wave Speed (SWS); US QIBA - Volume Blood Flow (VBF) and Contrast Enhanced US (CEUS) <i>I Rosado-Mendez, P Carson</i>
6:00 pm - 7:30 pm	Welcome Reception Exhibit Hall	

Sunday, March 27, 2022

	CELESTIN D-E BALLROOM	CELESTIN ABC BALLROOM
A 8:00 am - 10:00 am	JOINT THERAPY DIAGNOSTIC (SAM) 18F-DOPA PET/CT for Radiation Treatment Planning and Prognostication in Patients With High-Grade Glioma Radiochemist Perspective on 18F-DOPA-Directed Radiotherapy for High-Grade Glioma; Clinical Perspectives On 18F-DOPA-Directed Radiotherapy for High-Grade Glioma: Early Data, Utility, and Future Directions; Prediction of Treatment Prognosis and Tumor Aggressiveness Based on Radiomics and FDOPA PET Images for Newly Diagnosed Glioblastoma Treated with Escalated Radiation Dose <i>H Cai, W Breen, J Qian</i> <small>(Celestin D-E)</small>	
10:00 am - 10:30 am	Visit the Vendors Refreshments in Exhibit Hall	
B 10:30 am - 12:30 pm	PROFESSIONAL (SAM) Causal Analysis How to Perform a Causal Analysis; The Challenges and Barriers for Causal Analysis; Moving Forward: Remediating Errors and Preventing New Ones <i>B Thomadsen, G Kim, C Buckley</i>	DIAGNOSTIC (SAM) Monitoring the Monitors Monitoring the Monitors; Barco Tools for Monitor QC; Atirix Fleet Management Tool; Roundtable Discussion <i>A Walz-Flannigan, A Xihona, A Snyder</i>
12:30 pm - 1:30 pm	Lunch Exhibit Hall	
C 2:00 pm - 4:00 pm	THERAPY (SAM) Practical Improvements: Make It Go Away or Make It Better Shortening the Sim-To-Start Window; The Evolving Paradigms of Machine and Patient QA; Innovations in Linac Quality Assurance; Quality Assurance for Multi-Target Stereotactic Radiosurgery <i>J Haisak, J Kerns, R Krauss, D Roberts</i>	PROFESSIONAL (SAM) The Modern Practice of Professional Diagnostic Physics Diagnostic Workforce I; Diagnostic Workforce II; Diagnostic Practice Models; Panel Discussion <i>D Gress, S Rose, J Wilson, D Gaultif, R Milman, R Fisher</i>
4:00 pm - 4:30 pm	Visit the Vendors Refreshments in Exhibit Hall	
D 4:30 pm - 5:30 pm	THERAPY (SAM) Advancing Particle Therapy in the United States A Decade of Scanning Beam Proton Therapy in The United States; Deploying FLASH Radiotherapy in a Clinical Trial Setting; Carbon Ions <i>M Pankuch, A Mascia, C Beltran</i>	MAMMOGRAPHY (SAM) Spotlight on Mammography QC Transition Alternative Standard Implementation: Experiences From Transitioning a Large Health Care System to the ACR Digital Mammography Quality Control <i>N Bevins</i>

Monday, March 28, 2022

	CELESTIN D-E BALLROOM	CELESTIN ABC BALLROOM
A 8:00 am - 10:00 am	THERAPY (SAM) Brachy: Basics to Advancements Back to Brachy Basics; Image-Guided Prostate Brachytherapy: A US, MR, and CT-Based LDR Workflow; Image-Guided Prostate Brachytherapy: A US/MR-Based HDR Workflow; Clinical Implementation of MRI for Gynecologic and Prostate HDR Brachytherapy; Developing Modern Brachytherapy Teaching Tools <i>J Matney, S Simiele, A Besemer, J Prisciandaro, G Cohen, O Craciunescu, T Li</i>	DIAGNOSTIC (SAM) Advances and Applications of AI in Pediatric Radiology Five Questions to Ask AI Vendors - What You Need to Know Before You Buy; Practical Tips and Advice After Implementing AI Technologies in the Clinic <i>U Mahmood, S Brady</i>
10:00 am - 10:30 am	Visit the Vendors Refreshments in Exhibit Hall	
B 10:30 am - 12:30 pm	THERAPY (SAM) Learn From Those Who've Been There Before: Clinical Implementation of Procedures and Technologies Quick Start Guide to New Procedures and Technologies in Radiotherapy; Experience with Clinical Implementation of the Halcyon; Lessons Learned for the Practicing Physicist; Clinical Implementation and Utilization of Spatially Fractionated Radiation Therapy <i>D Zheng, S Tanny, B Ruiz, V Ulizio, M Grams</i>	MAMMOGRAPHY (SAM) Breast Biopsy: Clinical Physicist Perspectives What Do I Do Now? Vendor QC Requirements for Upright Attachments; MR Safety in Breast Imaging and MR-Guided Breast Biopsy <i>C Williams, H Edmonson</i>
12:30 pm - 2:00 pm	Lunch on your own - Exhibit Hall closed 12:30 pm - 1:30 pm Visit the Vendors at 1:30 pm	
C 2:00 pm - 4:00 pm	PROFESSIONAL (SAM) Ethics for the Medical Physicist: Updates and Discussions from the ICRP and AAPM Task Groups Teaching and Harmonizing Radiological Protection Ethics in Medicine; Ethics Unwrapped: Ethics Case Study in Social Media Use <i>K Applegate, F Fahey, J St-Aubin, R Castillo</i> <small>(Celestin D-E)</small>	
4:00 pm - 4:30 pm	Visit the Vendors Refreshments in Exhibit Hall	
D 4:30 pm - 5:30 pm	THERAPY (SAM) Implementing Novelties in the Clinic Introduction; Multiple Brain Metastases Stereotactic Radiosurgery; Q&A; Clinical Implementation of VMAT Total Body Irradiation; Q&A <i>G Kim, X Gu, P Galavis, J Teruel</i>	DIAGNOSTIC (SAM) MR Homogeneity: Introduction and Vendor-Specific Evaluation <i>C Brunnequell</i>

Tuesday, March 29, 2022

	CELESTIN D-E BALLROOM	CELESTIN ABC BALLROOM
A 8:00 am - 10:00 am	THERAPY (SAM) Do We Have a Plan B? Adaptive Therapy Clinical Implementation of Adaptive Therapy; Building An Adaptive Radiotherapy Program From An MR and CT Based Perspective; Clinical Implementation of CBCT-Guided Online Adaptive Therapy; Consideration of Treatment Accuracy, Efficiency, and Cost with the Overall Impact of RO-APM <i>D Stanley, A Price, S Tanny, Y Rong</i>	
10:00 am - 10:30 am	Refreshment Break Foyer	
B 10:30 am - 12:30 pm	PROFESSIONAL (SAM) Legislative and Regulatory Update Legislative and Regulatory Update; Legislative Outlook; CRCPD Update <i>R Martin, M Reiter, J Elee</i> <small>(Celestin D-E)</small>	
	MAMMOGRAPHY (SAM) A Different Angle on Tomosynthesis: Clinical Use and Evaluation TMIST - A Bridge to Individualized Breast Cancer Screening; Performance of Digital Breast Tomosynthesis: Where Are We Now? <i>E Pisano, L Ikejimba</i>	