

<b>SATURDAY, MARCH 23, 2024</b>			
<b>GRAND ABCD</b>	<b>PARK VIEW</b>		
<b>8:00 am – 10:00 am</b>	<p><b>PROFESSIONAL</b>  <b>Presidential Symposium on Med Phys Workforce</b>            Introduction; Shortage in the Med Phys Workforce: Diagnostic;            Future of the Medical Physics Workforce;  <i>T. Pawlicki, S. Rose, B. Thomadsen</i>            (Grand ABCD)</p>		
<b>10:00 am – 10:30 pm</b>	<p><b>Visit the Vendors   Refreshments in Exhibit Hall</b></p>		
<b>10:30 am – 12:30 pm</b>	<p><b>EARLY-CAREER INVESTIGATOR CLINICAL SYMPOSIUM</b>            (Grand ABCD)</p>		
<b>12:30 pm – 1:00 pm</b>	<p><b>Vendor Showcase   Radformation</b>  <b>Automation in the Clinic: Where to Next</b>  <i>N Knutson, M Schmidt</i>            (Grand ABCD)</p>		
<b>1:00 pm – 2:00 pm</b>	<p><b>Lunch in Regency ABC</b></p>		
<b>2:00 pm – 4:00 pm</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <p><b>THERAPY</b>  <b>Modern Treatment Planning Techniques</b>            Advances in Treatment Planning - Taking Advantage of Novel Techniques and Technologies to Improve Patient Care;            Aperture Adversity: Creating Robust Treatment Plans in Challenging Situations;            Battle of the Scripts: A Tour of Scripting Projects and Possibilities in Various Treatment Planning Systems  <i>K. Guida, J. Setianegara, D. Jacquemin, E. Simiele</i></p> </td> <td style="width: 50%; text-align: center;"> <p><b>DIAGNOSTIC</b>  <b>CT Updates - TG 238: C-arms with 3D Volumetric Imaging Capability and Diagnostic CT: Monitoring Dose and Image Quality Metrics</b>            Clinical Implementation of TG 238: 3D C-Arms with Volumetric Imaging Capability;            Diagnostic CT: Monitoring Dose and Image Quality Metrics  <i>M. Supanich, D. Gress</i></p> </td> </tr> </table>	<p><b>THERAPY</b>  <b>Modern Treatment Planning Techniques</b>            Advances in Treatment Planning - Taking Advantage of Novel Techniques and Technologies to Improve Patient Care;            Aperture Adversity: Creating Robust Treatment Plans in Challenging Situations;            Battle of the Scripts: A Tour of Scripting Projects and Possibilities in Various Treatment Planning Systems  <i>K. Guida, J. Setianegara, D. Jacquemin, E. Simiele</i></p>	<p><b>DIAGNOSTIC</b>  <b>CT Updates - TG 238: C-arms with 3D Volumetric Imaging Capability and Diagnostic CT: Monitoring Dose and Image Quality Metrics</b>            Clinical Implementation of TG 238: 3D C-Arms with Volumetric Imaging Capability;            Diagnostic CT: Monitoring Dose and Image Quality Metrics  <i>M. Supanich, D. Gress</i></p>
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<b>5:30 pm – 7:00 pm</b>	<p><b>Welcome Reception</b>            Gateway East/Gateway Terrace, 18<sup>th</sup> Floor   Hyatt Regency St. Louis at the Arch</p>		

SUNDAY, MARCH 24, 2024		
	GRAND ABCD	PARK VIEW
8:00 am – 10:00 am	<b>JOINT THERAPY   DIAGNOSTIC</b> <b>Challenges in MRI Only Radiation Therapy Treatment Planning</b> <i>C. Schneider, C. Kabat, K. Kirby</i> (Grand ABCD)	
10:00 am – 10:30 pm	Visit the Vendors   Refreshments in Exhibit Hall	
10:30 am – 12:30 pm	<b>PROFESSIONAL</b> <b>Causal Analysis and Incident Learning</b> The Importance of Incident Learning; How to Successfully Implement an Incident Learning System; Putting Causal Analysis into Practice: Improving Safety and Quality Analysis and Incident Learning; Systematic Event Review: Brachytherapy; Systematic Event Review: Imaging; Causal Analysis – Analyzing the Past, Shaping the Future: Causal Analysis Best Practices <i>C. Buckey, P. Johnson, G. Kim, S. Simiele, J. Steiner, S. Weintraub</i>	<b>MAMMOGRAPHY</b> <b>Artificial Intelligence in Breast Imaging: Current State and Future Applications</b> The Current State of AI in Clinical Breast Imaging; Applications of AI in Breast MRI: Aspects of Patient-Level Evaluation; Introduction to AI in Breast Imaging & Future Applications <i>A. Gastouniotti, N. Monga, H. Whitney</i>
12:30 pm – 1:00 pm	<b>Vendor Showcase   Aktina</b> <b>A Complete Framework for Isocenter Optimization and Characterization</b> <i>N. Zacharopoulos</i> (Grand ABCD)	
1:00 pm – 2:00 pm	Lunch on Your Own	
2:00 pm – 4:00 pm	<b>THERAPY</b> <b>In the Clinic: Short Oral</b>	<b>PROFESSIONAL</b> <b>Navigating Conflicts of Interest in Medical Physics: Ensuring Ethical Practice and Patient Safety</b> <i>R. Miller, J. Limmer</i>
4:00 pm – 4:30 pm	Visit the Vendors   Refreshments in Exhibit Hall	
4:30 pm – 5:30 pm	<b>THERAPY</b> <b>Understanding the Special Procedures: Alternative modalities for the Clinical Physicist</b> Think Like a Proton: A Positive Review; Gamma Knife: Clinical Practice and Practical Tips; Beyond Point A: The Status and Future Direction of Gynecological Brachytherapy <i>S. O'Reilly, E. Draeger, S. Simiele</i>	<b>DIAGNOSTIC</b> <b>Carson - Zagzebski Ultrasound Distinguished Lectureship</b> Assessing Blood Flow Rates in Ultrasound: Clinical Rationale and the Physicist's Role in Getting It Right <i>J. Rubin</i>

MONDAY, MARCH 25, 2024		
	GRAND ABCD	PARK VIEW
8:00 am – 10:00 am	<p><b>THERAPY</b></p> <p><b>Adept at Adapting: Adaptive Radiotherapy Techniques</b></p> <p>To Adapt or Not to Adapt? Current Status and Outlook for Adaptive Therapy and Biology-Guided Radiotherapy;                      Building a Safe Online Adaptive Radiotherapy Program;                      Implementation of an in-Vivo Dosimetry Program: Lessons Learned from Clinical Experience with a Halcyon  <i>M. Lin, Z. Iqbal, C. Foote, J. Pursley, B. Ruiz</i></p>	<p><b>DIAGNOSTIC</b></p> <p><b>MP Imaging Residency Programs – Everything You Wanted to Ask but Never Did</b></p> <p>MP Imaging Residency Program – Initial Set-up and Experience;                      A 14-Year Adventure: A Tale of an Imaging Physics Residency Program in a Consulting Environment;                      A 15-Year Journey: Evolution of an Imaging Physics Residency Program at an Academic Medical Center  <i>K. Kanai, A. Magri, M. Vanderhoek</i></p>
10:00 am – 10:30 pm	Visit the Vendors   Refreshments in Exhibit Hall	
10:30 am – 12:30 pm	<p><b>THERAPY</b></p> <p><b>Detector Selection for External Beam Radiation Therapy Quality Assurance</b></p> <p>Overview of Detectors and Applications;                      Small Field Detectors and Measurement Uncertainty;                      Dosimetry Tools for UHDR FLASH Radiotherapy  <i>S. Suttief, G. Beyer, M. Rahman</i></p>	<p><b>MAMMOGRAPHY</b></p> <p><b>Mammography Vendor Technology Updates, Quality Control Overview, and Q&amp;A</b></p> <p>GE Mammography Updates &amp; Physics Testing;                      Hologic Mammography Updates &amp; Physics Testing;                      Fujifilm Mammography Updates &amp; Physics Testing;                      Siemens Mammography Updates &amp; Physics Testing;                      Barco Mammography Display Updates &amp; Quality Assurance at Home or Onsite  <i>R. Iordache, T. Patel, A. Phares, T. Klinnert, A. Xthona</i></p>
12:30 pm – 1:30 pm	Lunch in Regency ABC	
1:30 pm – 2:00 pm	Poster Presentations (Grand ABCD Foyer)	
2:00 pm – 3:00 pm	<p><b>PROFESSIONAL</b></p> <p><b>MPPGs</b></p> <p>Updates on MPPGs  <i>D. Pavord, R. Krauss</i>                      (Grand ABCD)</p>	
3:00 pm – 4:00 pm	<p><b>PROFESSIONAL</b></p> <p><b>In the Clinic: Short Oral</b>                      (Grand ABCD)</p>	
4:00 pm – 4:30 pm	Visit the Vendors   Refreshments in Exhibit Hall	
4:30 pm – 5:30 pm	<p><b>THERAPY</b></p> <p><b>Introducing Novel In-house Technologies into the Clinic: Successes, Failures, and Learning Experiences</b></p> <p>Enhancing Clinical Practices with In-house AI Applications in Radiotherapy;                      The Do's and Don'ts of In-House Clinical Software Development and Deployment;                      Implementing Routes to 3D Printing and Custom Apparatus Implementation  <i>X. Yang, R. Cardan, A. Yu</i></p>	<p><b>DIAGNOSTIC</b></p> <p><b>In the Clinic: Short Oral</b></p>

TUESDAY, MARCH 26, 2024		
	GRAND ABCD	PARK VIEW
<b>THERAPY</b> <b>Error Prevention Toolbox: Medical Events and Learning Systems</b> WGPE Report 394: Simulated Error Training for the Physics Plan and Chart Review; Is There Room for Medical Event Prevention?: Checklists, Timeout, and...Focus; Is There Room for Medical Event Prevention?: How Can Patients Help in Medical Event Prevention?; Is There Room for Medical Event Prevention?: Recent Medical Events Cases Part 1; Is There Room for Medical Event Prevention?: Recent Medical Events Cases Part 2; Quality and Safety from Learning Systems <i>P. Johnson, Z. Ouhib, J. Mailman, S. Simiele, Y. Liao, N. Agazaryan</i>	<b>DIAGNOSTIC</b> <b>MR Safety at a Large Academic Hospital System: This Is How We Do It</b> The MRSE Role at BJC Healthcare & Washington University; The MRSO Role at BJC Healthcare & Washington University; The MRMD Role at BJC Healthcare & Washington University <i>T. Andrews, A. Morgan, T. Benzinger</i>	
<b>8:00 am – 10:00 am</b>	<b>Refreshment Break in Foyer</b>	
<b>PROFESSIONAL</b> <b>Government Relations Post-Covid</b> GRAC Update; Capitol Associates; CRCPD Update; NRC Update <i>D. Crowley, M. Reiter, J. Elee, D. DiMarco</i> (Grand ABCD)	<b>10:00 am – 10:30 pm</b>	
<b>10:30 am – 12:30 pm</b>	<b>10:30 am – 12:30 pm</b>	