

# 2016 SPRING CLINICAL MEETING PROGRAM

Salt Lake City, Utah

Saturday, March 5

	GRAND BALLROOM D	GRAND BALLROOM A
8:00 am - 10:00 am	<b>PROFESSIONAL (SAM SESSION)</b> <b>Ethics &amp; Professionalism:</b> An Historical Perspective; Ethical Issues in Medical Physics Education; Ethical Issues in Medical Physics Business; Ethical Issues in Medical Physics Research <i>P Dunscombe, N Bahar, C Serago, N Ozturk</i> (Grand Ballroom D)	
10:00 am - 10:30 am	Break in Exhibit Hall	
10:30 am - 12:30 pm	<b>YOUNG INVESTIGATOR CLINICAL SYMPOSIUM</b> (Grand Ballroom D)	
12:30 pm - 2:00 pm	Lunch in Exhibit Hall	
2:00 pm - 4:00 pm	<b>THERAPY (SAM SESSION)</b> <b>QA Fundamentals: Applications of Multi-dimensional Arrays:</b> Clinical Needs Driving Multi-dimensional Systems; Leveraging Multi-Dimensional Systems for IMRT QA; Leveraging Multi-Dimensional Systems for TG142 <i>V Feygelman, S Stathakis, T Ritter</i>	<b>DIAGNOSTIC (SAM SESSION)</b> <b>Clinical MR Safety:</b> Background – Basis for MRI Safety Programs; Model MRI Safety Program – The Case Western Reserve University Experience; Model MRI Safety Program – The Mayo Clinic Experience; Relevant Certifications for Medical Physicists; Q&A <i>M Amurao, D Jordan, H Edmonson, M Amurao</i>
4:00 pm - 4:30 pm	Break in Exhibit Hall	
4:30 pm - 5:30 pm	<b>THERAPY (SAM SESSION)</b> <b>Why Gamma isn't Enough: Revisiting our Criteria and Interpretation of IMRT QA Results:</b> Limitations of Gamma Analysis; Digging Into our Toolbox: Non-Gamma Analysis Tools for IMRT <i>D Low, J O'Daniel</i>	<b>DIAGNOSTIC (SAM SESSION)</b> <b>X-Ray Tube Design:</b> History and Future of the X-Ray Tube: Can We Do It Better? <i>R Behling</i>
6:00 pm - 7:30 pm	Welcome Reception / Presentation of Young Investigator Awards (Oak Room)	

Sunday, March 6

	GRAND BALLROOM D	GRAND BALLROOM A
8:00 am - 10:00 am	<b>THERAPY (SAM SESSION)</b> <b>Translating AAPM Task Group 100 Into Our Clinics:</b> Applying Risk Analysis Techniques to Routine QA; Applying Risk Analysis to High Risk Procedures <i>K Smith, T Pawlicki</i>	<b>MAMMOGRAPHY (SAM SESSION)</b> <b>Digital Breast Tomosynthesis:</b> Unique Features of the Siemens Inspiration Digital Breast Tomosynthesis System; Unique Features of the GE SenoClaire Tomosynthesis System <i>K Hulme, T Fisher</i>
10:00 am - 10:30 am	Break in Exhibit Hall	
10:30 am - 12:30 pm	<b>PROFESSIONAL (SAM SESSION)</b> <b>Total Quality in Radiation Therapy:</b> Strategies for Total Quality in Radiation Therapy - Part I; Strategies for Total Quality in Radiation Therapy - Part II <i>S Hancock, U Hancock</i>	<b>DIAGNOSTIC</b> <b>Diagnostic Updates and Information Session with The Joint Commission:</b> Experience and Path Forward After Year 1 of New Requirements <i>A Browne</i>
12:30 pm - 2:00 pm	Lunch in Exhibit Hall	
2:00 pm - 4:00 pm	<b>THERAPY</b> <b>Putting It All Together – Practical Advice On Implementing TG100</b> <i>T Pawlicki, P Dunscombe, D Brown</i>	<b>PROFESSIONAL (SAM SESSION)</b> <b>Dollars and Sense: Are We Overshielding Imaging Facilities:</b> An Analysis of Shielding Design in Medical Imaging: Are We Overshielding? Part I; An Analysis of Shielding Design in Medical Imaging: Are We Overshielding? Part II <i>R Marsh, B Murray</i>
4:00 pm - 4:30 pm	Break in Exhibit Hall	
4:30 pm - 5:30 pm	<b>THERAPY (SAM SESSION)</b> <b>The National Landscape of Radiation Therapy Safety Efforts:</b> Improving Patient Safety: Contributions From the Work Group on Prevention of Errors in Radiation Oncology; Report Card on RO-LS: What Have We Learned? <i>J Johnson, G Ezzell</i>	<b>MAMMOGRAPHY (SAM SESSION)</b> <b>Stereotactic Breast Biopsy and Molecular Breast Imaging:</b> Molecular Breast Imaging: History and Recent Developments <i>S Kappadath</i>

Monday, March 7

	GRAND BALLROOM D	GRAND BALLROOM A
8:00 am - 10:00 am	<b>THERAPY (SAM SESSION)</b> <b>Challenges in Electronic Recordkeeping:</b> Overview of TG262 on Electronic Record Keeping & Clinical Experience with Aria; Clinical Experience with Mosaic for Electronic Record Keeping; Electronic Charting for Brachytherapy and NRC Regulations <i>J Mechalacos, B Salter, S Dienerich</i>	<b>MAMMOGRAPHY (SAM SESSION)</b> <b>New Concepts in Breast Imaging:</b> Changing Perceptions and Updated Methods for Mammography Dosimetry Part I; Changing Perceptions and Updated Methods for Mammography Dosimetry Part II; Dense Breasts, Risk Stratification, DCIS Controversy & Genetic Based Risk Stratification - The Road to Customized Care <i>J Boone, A Hernandez, J Cord</i>
10:00 am - 10:30 am	Break in Exhibit Hall	
10:30 am - 12:30 pm	<b>THERAPY (SAM SESSION)</b> <b>Permanent Interstitial Brachytherapy for Prostate Cancer:</b> A Physician's Perspective and Experience; Using Task Group 137 to Prescribe and Report Dose <i>J Tward, V Narayana</i>	<b>DIAGNOSTIC</b> (10:30 am - 11:30 am) <b>Nuclear Medicine &amp; PET:</b> PET Radiopharmaceuticals: Past, Present & Future <i>S Schwarz</i> <b>DIAGNOSTIC (SAM SESSION)</b> (11:30 am - 12:30 pm) <b>Nuclear Medicine &amp; PET:</b> Gamma Camera and SPECT Basics & Performance <i>S Kappadath</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	
2:00 pm - 4:00 pm	<b>PROFESSIONAL</b> <b>Regulatory Update:</b> Behind the Doors: A Perspective on Medical Event Reporting; Washington Health Policy Update – What's Next?; Challenges in Complying with Regulations <i>R Martin, B Finefrock, L Fairbent</i> (Grand Ballroom D)	
4:00 pm - 4:30 pm	Break in Exhibit Hall	
4:30 pm - 5:30 pm	<b>THERAPY (SAM SESSION)</b> <b>Task Group 210: Linac Fundamentals of Conventional Linac Acceptance Testing</b> <i>D Rangaraj</i>	<b>DIAGNOSTIC (SAM SESSION)</b> <b>RDIM Software Development and Use:</b> RDIM Software From the Ground Up: Demystifying RDIM <i>J Garrett</i>

Tuesday, March 8

	GRAND BALLROOM D	GRAND BALLROOM A
8:00 am - 10:00 am	<b>THERAPY (SAM SESSION)</b> <b>Commissioning &amp; QA of Video-based Systems and Other Tools for Motion Management:</b> Choosing and Commissioning a Video Based Motion Management System; Clinical Implementation and On-going QA of a Video-based Motion Management System; Clinical Use of Video-based Motion Management: Where are We Now and Where Can We Go? <i>D Shepard, H Al-Hallaq, S Hadley</i>	<b>DIAGNOSTIC</b> (8:00 am - 9:00 am) <b>Medical Imaging Displays: Psychophysics and Quality Assurance:</b> Psychophysics and the Human Visual System <i>E Krupinski</i> <b>DIAGNOSTIC (SAM SESSION)</b> (9:00 am - 10:00 am) <b>Medical Imaging Displays: Psychophysics and Quality Assurance:</b> Display Monitor Performance and Evaluation <i>M Silosky</i>
10:00 am - 10:30 am	Break in Prefunction Area	
10:30 am - 12:30 pm	<b>PROFESSIONAL</b> <b>Medical Physics Practice Guidelines MPPG #7:</b> QMP Supervision of Medical Physicist Assistants - Imaging; QMP Supervision of Medical Physicist Assistants - Therapy <i>A Seibert, P Halvorsen</i> (Grand Ballroom D) <b>CLOSE OF MEETING</b>	