

PROGRAM AT A GLANCE

SUNDAY, JULY 12

	PROFESSIONAL	THErapy EDUCATION	THErapy SCIENTIFIC	JOINT IMAGING – THERapy SCIENTIFIC	IMAGING SCIENTIFIC	IMAGING EDUCATION	PRACTICAL MEDICAL PHYSICS	ULTRASOUND	TECHNICAL EXHIBIT HALL		
A 9:30–11:00	Professional Council Symposium Alternative Career Opportunities for Medical Physicists Moderator: D Pfeiffer R Jeraj, E Angel Room 213				AAPM Medical Physics Student Meeting Medical Billing and Regulations: Everything You Always Wanted To Know, but Were Too Afraid To Ask Moderators: A Rodriguez, J Stanford H Wu, M Abogunde Room 210						
B 11:00–12:30	EDUCATION COUNCIL SYMPOSIUM Accreditation and Certification: Establishing Educational Standards and Evaluating Candidates Based on these Standards Moderator: G Starkschall G Starkschall, W Beckham, B Clark, C Reft, A Seibert, J Allison Room 213										
12:30 Exhibit Hall Opens Refreshment Break in Exhibit Hall											
C 1:00–1:55	Room 213 SNAP Oral 3D Printer Applications in Radiotherapy R Howell, J Robar	Room 304 SNAP Oral Measurement Devices and Techniques M Bellon, J Moran	Ballroom D SNAP Oral Patient-specific QA in Photon Therapy A Molineu, J Steers	Ballroom B SNAP Oral Novel Treatment Delivery Devices and Techniques B Yi, N Sahoo	Ballroom A SNAP Oral Imaging for Therapy Guidance W Lu, J Lamb	Room 303 SNAP Oral Preclinical Studies T Zhu, E Graves	Room 204 SNAP Oral Imaging for Particle Therapy L Court, M Ahmad	Room 207 SNAP Oral Cone-beam CT J Wang, L Zhu	Room 201 SNAP Oral Nuclear Medicine, SPECT M Dahlbom, J Nye	Room 210 SNAP Oral Motion: Truth and Consequences R Wiersma, D Low	Technical Exhibit Hall
D 2:05–3:00	SNAP Oral Devices for QA of Beam Delivery B Han, J Wong	SNAP Oral Proton Therapy Delivery and Measurement T Bortfeld, S St. James	SNAP Oral Patient Safety and Automation D Yang, C Holdsworth	SNAP Oral SRS/SBRT Treatment Planning D Bourland, B Zhao	SNAP Oral Image Features for Therapy Guidance I El Naqa, M Aristophanous	SNAP Oral MRI J Weaver, R Kapoor	SNAP Oral Mammography, Radiography and Fluoroscopy I Reiser, C Willis	SNAP Oral Next Generation CBCT G Chen, R Fahrig	SNAP Oral PET, PET/CT, PET/MR K Matthews, M Palmer	SNAP Oral Ultrasound Imaging: Diagnostic and Image Guidance M Holland, C Diederich	
Exhibit Hall (Refreshment Breaks, Posters and Technical Exhibits) 3:00–3:30 Refreshment Break in Exhibit Hall											
E 3:00–5:00	BEST IN PHYSICS Electronic Poster Theaters and Discussion in the Exhibit Hall Presenting Authors available 3:30–4:00					GENERAL POSTER DISCUSSION Education, Imaging, Joint Imaging-Therapy, Professional, Therapy, Ultrasound Presenting Authors available 3:00–5:00					
F 4:00–6:00			SNAP Oral Proton Therapy Treatment Planning J Kruse, F Poenisch	SNAP Oral Treatment Planning for External Beam Therapy R Ten Haken, Z Labby	SNAP Oral Brachytherapy W Song, A Damato	SNAP Oral MRI in Radiation Therapy O Green, S McGuire			SNAP Oral Multi-Detector CT L Yu, B Li		

PROGRAM AT A GLANCE

MONDAY, JULY 13

PROFESSIONAL		THERAPY EDUCATION	THERAPY SCIENTIFIC	JOINT IMAGING – THERAPY SCIENTIFIC	IMAGING SCIENTIFIC	IMAGING EDUCATION	PRACTICAL MEDICAL PHYSICS	ULTRASOUND	TECHNICAL EXHIBIT HALL		
	Room 213	Room 304	Ballroom D	Ballroom B	Ballroom A	Room 303	Room 204	Room 207	Room 201	Room 210	Technical Exhibit Hall
A 7:30–8:25	Professional Symposium Economics Update Organizer: B Dirksen, B Dirksen, J Fontenot		Current Trends in Y90-Microsphere Therapy: Delivery and Dosimetry Organizer: S Kappadath, A Mahvash, S Kappadath	Electronic Charting in EBRT and Brachytherapy Organizer: J Mechalakos, J Mechalakos, S Richardson, S Suttief	John R. Cameron Young Investigator Symposium Moderators: M Martel, G Ibbott Ballroom A		ACR Update in MR, CT, Nuclear Medicine, and Mammography Organizer: J Kofler, M McNitt-Gray, R Price, B Harkness, E Berns	Radiation Safety Officer Update Organizer: L Kroger, L Phillips, C Dimock, L Kroger	Diagnostic Ultrasound Imaging Quality Control and High Intensity Focused Ultrasound Therapy Hands-on Workshop Organizer: Z Lu, S Sammet, Z Lu, S Sammet		
B 8:30–9:30	AAPM Professional Liability Insurance Update Organizer: D Jordan, A Orfali, G Fuller	Journal of Applied Clinical Medical Physics: Mission and Submission Organizer: S Richardson, M Mills, G Starkschall, S Richardson	Clinical Applications of 3D Printing Organizer: J Cunha, E Ehler, N Remmes, J Baker, J Cunha	Optimizing the Treatment Planning Process Organizer: W Feng, W Feng, J Chang, A Kapur							
9:30–10:15 Coffee Break in Exhibit Hall											
C 10:15–12:15	President's Symposium Revitalizing Scientific Excellence: Turning Research Into Clinical Reality Through Translational Research Moderator: J Boone J Boone, R Pettigrew, C Yu, E Jackson Ballroom B										
12:15–1:45 Lunch Visit the Technical Exhibits											
D 1:45–2:40	Proffered Session R Tarver	Workforce Assessment Committee Update Organizer: M Mills, M Mills, D Gress	SAM (1:45–2:45): Electronic Brachytherapy Organizer: W Culberson, Z Ouhib, R Fulkerson, J Zhang, M Mitch	SAM (1:45–2:45): Pediatric Radiation Therapy Planning, Treatment, and Late Effects Organizer: A Olch, A Olch, C Hua	Education Session Innovation in Medical Physics Education V Montemayor, S Avery	The Joint ESTRO-AAPM Symposium: Imaging Markers for Assessment of Treatment Response Organizers: P Kinahan, F Van den Heuvel, G Meijer, U Van der Heide, S Bowen	Iterative Reconstruction in CT Organizer: N Pelc, K Myers, K Stierstorfer, J Hsieh, W Wang, S Halliburton, N Pelc	SAM: Pediatric Imaging Organizer: C Sammet, K Strauss, X Zhu, S Brady, R Krishnamurthy	SAM: A Review of Radiologic Anatomy Organizer: A Jones, A Jones, R Stafford, F Fahey	US Guidance for RT Interventions Organizer: J Wong, X Li, D Hristov, K Ding	PARTNERS IN SOLUTIONS Tools for Collecting and Analyzing Patient Dose Index Information from Imaging Equipment Moderator: J Wang PIS Session Room/Hall C
E 2:45–3:45	What is Medical Physics Without Radiation Protection? Organizer: M Rehani, M Rehani, J Seibert, J Clements		SAM: Breast Brachytherapy: The Phoenix of Radiation Therapy Organizer: B Libby, J Hiatt, D Todor, B Libby	SAM: Patient Specific Q/A: Pre-treatment, During-treatment, and Post-treatment Organizer: K Wijesooriya, M Rosu, K Wijesooriya, Q Chen, J Siebers							
3:45–4:30 Refreshment Break in Exhibit Hall											
F 4:30–5:15	Academic-Industrial Research and Development Partnerships – Nuts and Bolts, Pitfalls and Rewards Organizers: A Sawant, M Svatos, K Brown, T Mackie, N Pelc, J Wong	PQI Organizer: A Jones, A Jones, J Steele	SAM: Real-Time Imaging and Tracking Techniques for Intrafractional Motion Management Organizer: B Fahimian, B Fahimian, R Berbeco, P Keall, D Low	SAM: The Global Cancer Challenge: What Can We Do? Organizer: J Van Dyk, R Atun, D Jaffray, N Coleman, J Van Dyk	Nanoparticle Applications W Ngwa, S Krishnan	Therapy Mash Up: Novel Innovations for Radiotherapy K Sheng, F Yin	MDCT Reconstruction X Tang, J Hsieh	Technological Advances in PET/MR Imaging Organizer: Y Shao, R Laforest, F Jansen, S Behr	High-Impact Presentations Organizer: D Jordan, H Weiker, T Weiker	US Guided Systems for Brachytherapy Organizer: S Benedict, Z Chang, B Libby, J Lamb	ELECTRONIC CAMPUS Imaging 4:30–5:00: Breast Imaging 5:00–5:30: Clinical Applications, Phantoms 5:30–6:00: Radiation Dose Provost: J Dobbins Joint Imaging-Therapy 4:30–5:00: MRI for RT Simulation 5:00–5:30: Re-invigorating Quality Assurance 5:30–6:00: Novel In-Treatment Imaging Provost: R Cormack Therapy 4:30–5:00: Process Control 5:00–5:30: SRS/SBRT Treatment Planning 5:30–6:00: Proton Therapy Beam Measurement and QA Provost: E Klein
G 5:15–6:00		Knowledge-Based Treatment Planning K Moore, B Wu									

6:30–8:00 AAPM Awards Ceremony—Anaheim Marriott / Platinum Ballroom | 8:00–9:00 Reception—Anaheim Marriott / Grand Ballroom A-F

PROGRAM AT A GLANCE

TUESDAY, JULY 14



PROFESSIONAL		THERAPY EDUCATION	THERAPY SCIENTIFIC	JOINT IMAGING – THERAPY SCIENTIFIC	IMAGING SCIENTIFIC	IMAGING EDUCATION	PRACTICAL MEDICAL PHYSICS	ULTRASOUND	TECHNICAL EXHIBIT HALL		
	Room 213	Room 304	Ballroom D	Ballroom B	Ballroom A	Room 303	Room 204	Room 207	Room 201	Room 210	Technical Exhibit Hall
A 7:30–8:25	MBAs for Medical Physicists: Business School Basics Organizer: D Kim, D Kim	SAM (7:30 - 8:30): Imaging, Treatment Planning, and QA for Stereotactic Body Radiation Therapy (SBRT) Organizer: L Xing, B Salter, Y Yang, S Benedict	SAM: Task Group 100 Organizer: M Huq, J Palta, M Huq, P Dunscombe, B Thomadsen	New Methods to Ensure Target Coverage Organizer: J Siebers, J Siebers, J Unkelbach, H Xu	Radiomics and imaging Genomics H Aerts, R Li	Adaptive Radiation Therapy J Roeske, G Hugo	☆ Advances in Cone-Beam CT and Emerging Applications Organizer: J Siewerdsen, G Chen, R Fahrig, W Zbijewski, J Boone	SAM: Digital Tomosynthesis Organizer: A Maidment, I Sechopoulos, A Jones, A Maidment	Brachytherapy Applicators and Techniques R Flynn, D Scanderberg	(7:30 - 8:30) HIFU Therapies—A Primer Organizer: D Schlesinger, M Eames, D Schlesinger	
B 8:30–9:30	MBAs for Medical Physicists: DABR-MBA Alumni Panel Organizer: D Kim, D Kim, M Amurao, D Park, N Wen	SAM The Aftermath of TG-142 Organizer: E Klein, E Klein, J O'Daniel								☆ MR-guided Focused Ultrasound Therapy in Oncology Organizer: C Diederich, P Ghanouni, C Moonen	
9:30–10:15 Coffee Break in Exhibit Hall											
C 10:15–11:15	Administrative Aspects of Medical Physics Organizer: J Johnson, J Johnson, J Clements, M Wells	☆ Novel Delivery Techniques and Devices S Li, E Yorke	☆ SAM: Incident Learning / RO-ILS Organizers: G Ezzell, B Miller, G Ezzell, B Miller, D Brown, P Beron	☆ SCIENCE COUNCIL SESSION: Radiomics and Imaging Genomics M Giger, J Deasy	Image Registration and Segmentation M Su, Z Chang	☆ In Memoriam of Warren Sinclair: Physics Applications for New Radiobiology Organizer: S Chang, Memorial Lecturer: M Grissom, S Chang, M Ahmed, E Graves, R Jeraj	SAM: CT Scanner Hardware and Image Quality Assessment Organizer: F Dong, F Dong, J Fan, B Schmidt	Breast Imaging H Chan, C Shaw	SAM: Clinical Implementation of HDR Brachytherapy Organizer: H Al-Hallaq, H Al-Hallaq, J Esthappan, J Prisciandaro	Advanced Novel Technologies & Delivery Strategies Organizer: R Chopra, K Hynynen, A Payne, L Chen, V Salgaonkar	PARTNERS IN SOLUTIONS Therapy: Deformable Image Registration, Contour Propagation, and Dose Mapping Moderator: K Brock, PIS Session Room/Hall C
D 11:15–12:15									Use of End-of-Life Brachytherapy Devices Organizer: Z Ouhib, C Melhus, W Butler, Z Ouhib		
12:15–1:45 Lunch Visit the Technical Exhibits											
E 1:45–2:45	Management Skills for Medical Physicists Organizer: S Sutlief, P Halvorsen, D Pavord, M Price, S Sutlief	☆ Proton Therapy Planning and Bioeffects W Liu, B Winey	☆ The Science of QA Organizer: T Pawlicki, T Pawlicki, M Carlone, L Mazur, E Ford	SAM: Deformable Image Registraton, Is it Right for Your Clinic? Organizer: S Geneser, S Geneser, N Kirby, K Brock	SAM: MR Basics I Organizer: A Wolbarst, A Wolbarst, L Lemen, R Price, N Yanasak	Bridging the Scales from Molecules and Cells to Clinical Applications Organizer: R Jeraj, A Rowat, B Pogue, E Gratton, M Liebling	MDCT–Novel Imaging Systems and Image Quality N Pelc, S Halliburton	Advances in Breast Imaging Organizer: A Karellas, A Karellas, S Molloy, O Zhou, W Zhao, S Vedantham	SAM: Eye Lens Dosimetry for Patients and Staff Organizer: M Rehani, M Rehani, D Zhang, J Park	Therapeutic Strategies and Image Guidance Organizer: A Payne, K Ferrara, R Chopra, E Konofagou, K Farahani	PARTNERS IN SOLUTIONS Tools for Collecting and Analyzing Patient Dose Index Information from Imaging Equipment Moderator: M Supanich, PIS Session Room/Hall C
F 2:45–3:45	Women in Medical Physics—Latin America and Africa Organizers: Eugene Lief, Yakov Pipman, E. Lief, S. Guzman, V. Tsapaki, Y. Pipman			SAM: MRI-Based Motion Management for RT Organizer: J Cai, E Tryggestad, X Zhong, C Glide-Hurst					SAM: Radiochromic Film Dosimetry Update Organizer: M Chan, A Niroomand-Rad, S Chiu-Tsao, S Trichter, I Das		
3:45–4:30 Refreshment Break in Exhibit Hall											
G 4:30–6:00	SAM: The International Electrotechnical Commission (IEC): What Is It and Why Should Medical Physicists Care? Organizer: M Supanich, G Ibbott, M Supanich, W Culberson	New Member Symposium Organizer: J Keener, G Sherouse, J Keener	Quantifying QA M Herman, M Carlone	SAM: Clinical Trials in Proton and Particle Therapy Organizer: R Schulte, R Schulte, H Choy, P Taylor, C Lee	Treatment Response J Bayouth, S Gaede	Radiomics: Advances in the Use of Quantitative Imaging Used for Predictive Modeling Organizer: J Deasy, J Deasy, H Aerts, H Veeraraghavan, I El Naqa	MDCT–Quantitative Imaging & Clinical Applications H Chen-Mayer, X Liu	☆ Emerging Applications of X-Ray Imaging Organizer: L Xing, K Taguchi, K Li, L Xing	Imaging Equipment Specification and Selection in Radiation Oncology Departments Organizer: C Hua, C Hua, Y Cao, M Hunt	Treatment Planning Strategies, Modeling, Control Organizer: D Christensen, D Christensen, T Preusser, U Vyas	ELECTRONIC CAMPUS Imaging 4:30–5:00: MDCT, CBCT 5:00–5:30: Multi-detector CT 5:30–6:00: MRI Provost: M Mahesh Joint Imaging-Therapy 4:30–5:00: The Dynamic Patient 5:00–5:30: Image Features for Therapy Applications 5:30–6:00: Imaging for RT Treatment Planning Provost: G Starkschall Therapy 4:30 - 5:00: Out-of-field Dose, Risk Assessment and Shielding 5:00 - 5:30: QA Methods and Devices 5:30 - 6:00: Nanoparticles in Radiotherapy Provost: S Dieterich
6:30–10:00 AAPM Night Out—Grand Plaza (Between the Marriott and the Hilton)											

PROGRAM AT A GLANCE

WEDNESDAY, JULY 15

	PROFESSIONAL	THERAPY EDUCATION	THERAPY SCIENTIFIC	JOINT IMAGING – THERAPY SCIENTIFIC	IMAGING SCIENTIFIC	IMAGING EDUCATION	PRACTICAL MEDICAL PHYSICS	ULTRASOUND	TECHNICAL EXHIBIT HALL		
	Room 213	Room 304	Ballroom D	Ballroom B	Ballroom A	Room 303	Room 204	Room 207	Room 201	Room 210	Technical Exhibit Hall
A 7:30–8:25	Developments in International Medical Physics Collaborations in Africa and Latin America Organizer: E Lief A Shulman, S Guzman, C Borras, A Meghziene, Y Pipman	SAM (7:30 - 8:30): Stereotactic Radiosurgery Organizers: D Schlesinger, G Kim, G Kim, D Schlesinger	SAM (7:30-8:30): MR Basics II Organizer: K McGee, K McGee	Devices for Beam Measurement I Das, M Nyflot	Image Registration and Segmentation M Kessler, A Santhanam	In-Treatment Imaging L Ren, L Xing	Nuclear Medicine, SPECT, PET M King, M Park	In Memoriam of Jacques Ovadia: Reinigorating Scientific Excellence: Electron Beam Therapy - Past, Present and Future Organizer: D Schlesinger Memorial Lecturer: R Muller-Runkel, Q Wu	SAM: Treatment Planning System Commissioning and QA Organizer: G Salomons, G Salomons, M Sharpe, S Mutic, J Smilowitz	Educational: Diagnostic Ultrasound QA Organizer: M Holland, Z Lu	Ask the ROIS Experts PIS Session Room/Hall C
B 8:30–9:30		Point / Counterpoint: Biological Dose Optimization Organizer: C Orton, C Mayo, J Deasy, C Orton	MRgRT Certificate Course SAM: MRI for Radiation Oncology Organizer: G Jia, J Wang, K Sheng, R Layman					SAM: CT Lung Cancer Screening Part I Organizer: R Kruger, R Kruger, C Lee		Carson/Zagzebski Distinguished Lectureship Organizer: M Holland, M Holland, M Tanter	
9:30–11:00 Coffee Break and Visit the Vendors in Exhibit Hall											
C 9:30–11:00	VISIT THE VENDORS Technical Exhibits Area										
D 11:00–12:15	Preparing for the ABR Diagnostic and Nuclear Medicine Physics Exams Organizer: M Vanderhoek, S Simiele, J Zambelli, N Bevins, R MacDougall	Supervision: Who, How, and Why Organizer: R Tarver, J Clement, B Parker	MRgRT Certificate Course SAM: New Developments in Hybrid MR-treatment: Technology Organizer: T Stanescu, D Baillie, R Cormack, T Stanescu	Modeling Cancer Complexity Organizers: R Jeraj, M Eljanne, R Austin, E Koay, R Rabadan	Patient-Specific QA M Miffen, G Kim	Computational Phantoms Organizer: J Cai, P Segars	PACS, Informatics, Virtual Tools O Mawlawi, A Badano	SAM: CT Lung Cancer Screening and the Medical Physicist: Moving Forward Organizer: M McNitt-Gray, D Aberle, W Hsu, M McNitt-Gray	Software Libraries for your Research Projects—Don't Start From Scratch! Organizer: E Schreibmann, G Sharp, A Apte, E Schreibmann	Advances in Ultrasound Contrast Agents for Diagnosis & Therapy Organizer: M Holland, Y Kono, J Rychak, C Holland	PARTNERS IN SOLUTIONS Therapy: Deformable Image Registration, Contour Propagation, and Dose Mapping Moderator: K Brock, PIS Session Room/Hall C
12:15–1:45 Lunch Break Visit the Technical Exhibits (NOTE: Posters close at 12:15 pm and Exhibits close at 2:00 pm)											
E 1:45–2:40	So You Want to Fund a Medical Physics Residency Program Organizer: S Richardson, S Richardson, B Libby, S Both	SAM (1:45 - 2:45): Implementing SBRT Protocols Organizer: F Yin, D Followill, Y Xiao	MRgRT Certificate Course SAM: New Developments in Hybrid MR-treatment: Applications Organizer: P Keall, J Lagendijk, P Keall, Y Hu, R Fahrig	SAM (1:45 - 2:45): Knowledge-Based Treatment Planning Automation Organizer: X Zhang, X Zhang, Q Wu	Preclinical Radiobiology Studies and Technology M Bazalova-Carter, R Berbeco	Imaging for Particle Therapy K Parodi, L Dong	The Joint AAPM-WMIS Symposium: Linking Pre-Clinical and Clinical Trials: Co-Clinical Trials Organizers: Y Cao, J Lewis, J Hazle, H Manning, K Keshari, L Clarke	CBCT–Novel Imaging Systems K Taguchi, S Schafer	SAM: Practical Statistics for Medical Physicists Organizer: W Sensakovic, Z Labby, E Hipp, M Altman	Advances in Ultrasound Imaging Technology Organizers: J Zagzebski, M Holland, B Rao, G Czarnofa, T Porter, C Gallippi	
F 2:45–3:45	Building, Maintaining and Improving Physics Residency Programs Organizer: E Klein, E Klein, J Nye	SAM: Outcomes of Hypofractionated Treatments—Results of the WGSBRT Organizer: J Grimm, E Yorke, D Clump, M Milano, S Soltys, I El Naqa	New Developments in Knowledge-Based Treatment Planning and Automation Organizer: T McNutt, P Gabriel, C Mayo, T McNutt					SAM: Practical Guidelines for Commissioning Advanced Brachytherapy Dose Calculation Algorithms Organizer: F Mourtada, R Fulkerson, M Rivard, L Beaulieu			
3:45–4:30 Refreshment Break (Levels 2 & 3 Foyer)											
G 4:30–6:00	History Symposium Radiological Physics Pioneers: Roentgen and the AAPM Award Eponyms—William Coolidge, Edith Quimby, and Marvin Williams—Who were they and what did they do? Organizer: L Rothenberg, P Sprawls, L Rothenberg	It Can't Happen to Me!—My Position has been Terminated, Now What? Organizer: G Starkschall, G Starkschall, J Masten, B Curran, W Grant	MRgRT J Balter, O Wooten	NIH-Funded Research: Instrumental in the Pursuit of Clinical Trials and Technological Innovations Organizer: J Moran, J Deye, B Fraass, T Bortfeld, J Michalski	Patient Safety and Quality Improvement J Johnson, J Mechalakos	Nanotechnology for Imaging and Therapy Organizer: S Cho, S Cho, S Krishnan, J Weaver, W Cai	Radiography, Fluoroscopy—Image Quality A Karellas, K Fletterly	CBCT-Reconstruction, Segmentation, Registration X Pan, W Zbijewski	SAM: Mobile Viewing Devices Organizer: A Walz-Flannigan, P Luetmer, A Badano, A Walz-Flannigan	Advances in Breast Ultrasound Imaging Organizer: N Duric, S Feig, N Duric, P Carson, M Anastasio	
6:15–7:30 AAPM Annual Business Meeting / Town Hall Meeting—AAPM Board of Director Members—Room 213											

PROGRAM AT A GLANCE
THURSDAY, JULY 16

PROFESSIONAL		THERAPY EDUCATION		THERAPY SCIENTIFIC		JOINT IMAGING – THERAPY SCIENTIFIC		IMAGING SCIENTIFIC		IMAGING EDUCATION		PRACTICAL MEDICAL PHYSICS		ULTRASOUND		TECHNICAL EXHIBIT HALL						
Room 213		Room 304		Ballroom D		Ballroom B		Ballroom A		Room 303		Room 204		Room 207		Room 201		Room 210		Technical Exhibit Hall		
A 7:30–8:25	SAM (7:30 - 8:30): Small Field Dosimetry: Overview of AAPM TG-155 and the IAEA-AAPM Code of Practice Organizer: I Das I Das, J Seuntjens		Outcomes and Modeling M Martel, M Guerrero		SAM: Proton Therapy Organizer: B Arjomandy B Arjomandy, M Pankuch, N Sahoo		Treatment Planning in External Beam Therapy I Cheffy, C Williams		Brachytherapy and Radiopharmaceuticals B Fahimian, Y Le		Real-time Tumor Tracking and Gating J Rottmann, P Keall		Emerging Technologies B Pogue, G Virshup		SAM: MR Safety Organizer: S Sammet D Jordan, M Steckner, R Venook, V Kimbrell, S Sammet		Radiography, Fluoroscopy– Radiation Dose and Quality Assurance A Jones, M Goodsitt		SAM: Nuclear Medicine 101 Organizer: S White S White, T Turkington			
	B 8:30–9:30	SAM: Spine SBRT Organizers: B Winey, L Ma B Winey, L Ma																				
9:30–10:00 Coffee Break (Levels 2 & 3 Foyer)																						
C 10:00–10:55	(10:00 - 11:00) Session in Memory of Penny S. Slattery: Medical Physics Workshop– Update: Journal Improvement Activities and Guidance On Writing and Reviewing Papers Organizer: J Williamson J Williamson, S Das, M Goodsitt		Dose Measurements and QA Techniques E Ford, L Schubert		SAM (10:00 - 11:00): Optimization of CT Planning Imaging and Techniques to Reduce Radiation Dose Resulting from Daily Imaging Guidance Procedures Organizers: G Ding, Z Lu H Al-Hallaq, I Reiser, G Ding		SAM: Current Topics in SRS/ SBRT Organizers: T Solberg, I Cheffy R Popple, K Brock, K Moore, T Solberg		Proton Therapy Delivery, Verification and QA X Jia, G Sharp		4D CT and 4D CBCT T Pan, L Cervino		Novel Applications of MRI in Radiation Therapy R Cormack, C Glide-Hurst		MRI-Clinical Applications J Zhou, G Clarke		 Clinical Networks: IT for Radiation Oncology Organizer: A Siuchi P Balter, B Curran, R Siuchi		SAM: Nuclear Medicine 102 Organizer: R MacDougall S Kappadath, P Slomka			
	D 11:00–12:00				Real Time Imaging Verification and Tracking for Moving Targets Organizers: L Ren, M Descovich L Ren, D Low, M Descovich, P Keall																	
12:00–12:50 Boxed Lunch (Level 3)																						
E 1:00–2:00	Room 304			Ballroom D						Ballroom B						Ballroom A						
	SAM (1:00 - 2:00): Reference Dosimetry for Beam Modalities Other than MV Photons Organizer: M McEwen M McEwen, R Tosh, A Sarfehnia, J Seuntjens			Treatment Planning and Optimization M Kim, J Wu						Next Generation IGRT A Sawant, G Mageras						 MDCT-Radiation Dose J Wang, S Leng						
F 2:00–2:50	TG158–Measurement and Calculation of Doses Outside the Treatment Volume from External-Beam Radiation Therapy Treatment Organizer: R Howell R Howell, S Kry, B Bednarz																					
CLOSE OF MEETING See you next year in Washington, DC July 31– August 4, 2016																						