



Scheduled Presentations at the 2024 AAPM Meeting

Scheduled event times are listed in Pacific Standard Time. All rooms listed are in the Los Angeles Convention Center (LACC).

Sunday, July 21

Session: Professional General Poster Viewing
[Implementation of a Streamlined SGRT Commissioning Process](#)

*Thomas Wilson Klender, Karl H. Rasmussen, Victoria Noelle Bry, **Dustin J. Jacqmin**, Shraddha Dalwadi, and Neil A. Kirby*
7:00am-6:00 pm

Session: Arthur Boyer Award for Innovation in Medical Physics Education

[Advancing Medical Physics Education: A Comprehensive Examination of E-Learning Modules in Radiation Therapy Curriculum](#)

*Sarah B. Wisnoskie, Samuel Hendley, **Abby E. Besemer**, Diane M. Schott, Lisa Bartenhagen, Kyle J. Gallagher, Jeffrey Yui Hei Wong and Megan A. Hyun*
8:00-8:15 am, 502A LACC

Session: Students and Trainees

[AAPM Medical Physics Student Meeting: Navigating the Future: Staying Current in Medical Physics](#)

Moderators: **Carolyn Eckrich** and Kai Huang
8:30-10:30 am, 152 LACC

Session: General Poster Discussion (Group A)
[Quantitative Multiparametric MR-Simulation to Facilitate Adaptive Radiation Therapy in Head and Neck Cancer](#)

*Yuhao Yan, R. Adam B. Bayliss, Florian Wiesinger, Jose de Arcos, **Adam Burr**, **Brett Morris**, Ana Beatriz Solana, and **Carri K. Glide-Hurst***
3:00-4:30 pm, Exhibit Hall | Poster Lounge

Session: General Poster Discussion (Group A)
[Toward Robust Cardiac Substructure Segmentation for Low-Field MR-Guided Radiation Therapy](#)

*Nicholas R. Summerfield, Eric D. Morris, Soumyanil Banerjee, Qisheng He, Ahmed I Ghanem, Simeng Zhu, Jiwei Zhao, Ming Dong, and **Carri K. Glide-Hurst***
3:00-4:30 pm, Exhibit Hall | Poster Lounge

Session: General Poster Discussion (Group A)
[Evaluating Delivery-Time Reduction Strategies for Collimated Proton Arc Therapy Plans](#)

*Karsten K. Wake, **Laura Bennett**, Kaustubh A. Patwardhan, Blake R. Smith, Wesley S. Culberson, Daniel E. Hyer, Ryan T. Flynn, Nicholas Pierre Nelson, and **Patrick M Hill***
3:00-4:30 pm, Exhibit Hall | Poster Lounge

Session: General Poster Discussion (Group A)
[Design and Evaluation of a Simple Geometric Test Pattern for the Dynamic Collimation System](#)

***Laura Bennett**, Daniel E. Hyer, Kaustubh A. Patwardhan, Alonso N. Gutierrez, Wesley S. Culberson, Blake R. Smith, **Patrick M Hill**, and Ryan T. Flynn*
3:00-4:30 pm, Exhibit Hall | Poster Lounge

Session: General Poster Discussion (Group A)
[Offline Adaptive CBCT Planning Workflow for Varian Halcyon with Hypersight](#)

*Barbara Garcia, **Elissa Khoudary**, Michael Salerno, Brandon M. Koger, Lei Dong, Karen Tang, Joshua Bryer, Taoran Li, Michelle Alonso-Basanta and Boon-Keng Kevin Teo*
3:00-4:30 pm, Exhibit Hall | Poster Lounge

Session: [Radiopharmaceuticals SNAP Oral: Theranostics, Nuclear Medicine](#)
Segmentation and Quantitation

Moderators: **Abby E. Besemer** and Rameshwar Prasad
4:30-5:00 pm, 502B LACC

Session: [Radiopharmaceuticals SNAP Oral: Theranostics, Nuclear Medicine](#)
Clinical Applications and Deep Learning
Moderators: Rameshwar Prasad and **Abby E. Besemer**

5:00-6:00 pm, 502B LACC

Monday, July 22

Session: Arthur Boyer Award for Innovation in Medical Physics Education

[Versatile and Effective Physicist-Patient Communication Training Using Elearning and Simulation](#)

*Megan A. Hyun, Samuel Hendley, Diane M. Schott, Kyle J. Gallagher, Elizabeth Rene Bacon, Sarah B. Wisnoskie, Jeffrey Yui Hei Wong and **Abby E. Besemer***
7:30-7:45 am, 502A LACC

Session: Arthur Boyer Award for Innovation in Medical Physics Education

[Advancing Medical Physics Education: A Comprehensive Examination of E-Learning Modules in Radiation Therapy Curriculum](#)

*Sarah B. Wisnoskie, Samuel Hendl, **Abby E. Besemer**, Diane M. Schott, Lisa Bartenhagen, Kyle J. Gallagher, Jeffrey Yui Hei Wong, and Megan A. Hyun*
8:00-8:15 am, 502A LACC

Tuesday, July 23

Session: Disability and Accessibility: I Don't Want to Say the Wrong Thing

[The Disability Spectrum](#)

Abby E. Besemer

7:50-8:10 am, 411 LACC

Session: General Poster Discussion (Group B)

[Development of a Population-Based Coronary Artery Habitat Model Using Coronary CT Angiography for Cardiac-Spared Treatment Planning](#)

Chase Ruff, Nicholas R. Summerfield, Soumyanil Banerjee, Prashant Nagpal, Timothy P. Szczykutowicz, Ming Dong, and Carri K. Glide-Hurst
3:00-4:30 pm, Exhibit Hall I Poster Lounge

Session: General Poster Discussion (Group B)

[Temporal Radiomic Profiling of Soft Tissue Sarcomas with Low-Field MRI](#)

Jennie SM Crosby, Grace C Blitzer, Zachary S Morris, and Carri K. Glide-Hurst
3:00-4:30 pm, Exhibit Hall I Poster Lounge

Session: General Poster Discussion (Group B)

[Assessment of Commercial AI Auto-Contouring Performance in HDR Prostate Brachytherapy](#)

Eric M. Wallat, John Floberg, Ryan Hutten, Greg Cooley, Jessica R. Miller, Abby E. Besemer, Michael J. Lawless, Charles Wallace, and Jordan M. Slagowski
3:00-4:30 pm, Exhibit Hall I Poster Lounge

Session: General Poster Discussion (Group B)

[Dynamic Collimation System \(DCS\) Controller for Patient-Based Multi-Energy-Layer Pencil Beam Scanning Deliveries](#)

Kaustubh A. Patwardhan, Laura Bennett, Karsten K. Wake, Blake R. Smith, Eric Jensen, Thibault Boland, Julien Smeets, Alonso N. Gutierrez, Patrick M Hill, Ryan T. Flynn, and Daniel E. Hyer
3:00-4:30 pm, Exhibit Hall I Poster Lounge

Session: General Poster Discussion (Group B)

[Patient-Specific Quality Assurance of Dynamically Collimated Pencil Beam Scanned Proton Therapy Treatment Plans](#)

Laura Bennett, Daniel E. Hyer, Nhan Vu, Kaustubh A. Patwardhan, Kevin J. Erhart, Alonso N. Gutierrez, Eduardo Pons, Eric Jensen, Manuel Ubau, Julio Zapata, Andrew J. Wroe, Karsten K. Wake, Nicholas Pierre Nelson, Wesley S. Culberson, Blake R. Smith, Patrick M Hill, and Ryan T. Flynn
3:00-4:30 pm, Exhibit Hall I Poster Lounge

Session: General Poster Discussion (Group B)

[Spot and Trimmer Optimization within the Astroid Hybridtrim Dynamic Collimation System Module](#)

Albert Du, Nhan Vu, Laura Bennett, Daniel E. Hyer, Ryan T. Flynn, Blake R. Smith
3:00-4:30 pm, Exhibit Hall I Poster Lounge

Wednesday, July 24

Speed Mentoring Session at the AAPM Annual Meeting

Carri K. Glide-Hurst

4:30-6:00 pm, Rm 403

Session: Collaborative Resident Education for

Brachytherapy and Radiopharmaceuticals
[Looking at the Big Picture from a National Perspective – AAPM, SDAMPP](#)

Abby E. Besemer

4:50-5:10 pm, 151 LACC

Thursday, July 25

Session: Novel Imaging and Therapy Developments
[Anthropomorphic Body Phantom Development for Imaging Cherenkov Response of Modulated Treatment Plans with Varying Melanin Concentration](#)
Jeremy Eric Hallett, Siddarth S Kulkarni, Aubrey Parks, Jacob Wudtke, Jennie SM Crosby, Alyx M Haasl, Carri K. Glide-Hurst, and Brian W Pogue
10:10-10:20 am, 502A LACC