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## Three Facebook Live Interviews: AAPM Annual Meeting

### Three experts will discuss medical physics topics and answer audience questions

ALEXANDRIA, VA, July 11, 2018 —Three experts will be interviewed on Facebook Live during the [American Association of Physicists in Medicine](#) (AAPM) 60<sup>th</sup> Annual Meeting & Exhibition, to be held in Nashville, TN on July 29 – August 2, 2018.

Members of the medical physics profession, hospital administrators and journalists can visit the [AAPM Facebook page](#) to watch three speakers present their information and ask them follow up questions. Each live interview will last approximately 15 minutes.

“These abstracts represent the innovative research being presented at the AAPM Annual Meeting that will translate into improved screening and detection, image-based assessment, and radiation therapy treatment for patients in the U.S. and around the world” said AAPM Annual Meeting Scientific Program Director, Kristy Brock.

The schedule for the interviews follows:

- **Monday, July 30 • 4:00pm - 4:15pm CDT (5:00pm EDT; 2:00pm PDT)**

Stephen Bowen, *University of Washington School of Medicine*

Variogram-Weighted Generalized Least Squares Regression to Predict Spatially Variant Tumor Voxel Response On Longitudinal FDG-PET/CT Imaging of FLARE-RT Protocol Patients

- **Tuesday, July 31 • 2:15pm - 2:30pm CDT (3:15pm EDT; 12:15pm PDT)**

Stephen Kry, *MD Anderson Cancer Center*

Treatment Planning System Beam Modeling Parameters Exhibit High Variation Among Radiotherapy Institutions

- **Wednesday, August 1 • 1:30pm - 1:45pm CDT (2:30pm EDT; 11:30am PDT)**

Web Stayman, *Johns Hopkins University*

Prospective Control of Prior-Image-Based Reconstruction for Ultralow-Dose CT: Application in Lung Nodule Surveillance

The AAPM Annual Meeting draws thousands of therapy professionals and imaging professionals working in all areas of medical physics including radiology and oncology. It brings the profession together to meet the new challenges medical physicists face daily. Those interested in attending the Annual Meeting can register at <https://w3.aapm.org/meetings/2018AM/>

**About AAPM and Medical Physicists**

The American Association of Physicists in Medicine (AAPM) is the premier organization in medical physics, a broadly-based scientific and professional discipline encompassing physics principles and applications in biology and medicine whose mission is to advance the science, education and professional practice of medical physics. Medical physicists contribute to the effectiveness of radiological imaging procedures by assuring radiation safety and helping to develop improved imaging techniques (e.g., mammography CT, MR, Ultrasound). They contribute to development of therapeutic techniques (e.g., prostate implants, stereotactic radiosurgery), collaborate with radiation oncologists to design treatment plans, and monitor equipment and procedures to ensure that cancer patients receive the prescribed dose of radiation to the correct location. Medical physicists are responsible for ensuring that imaging and treatment facilities meet the rules and regulations of the U.S. Nuclear Regulatory Commission (NRC) and various state regulatory agencies. AAPM represents over 8,800 medical physicists.

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