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Thomas G. Flohr
Joseph Y. Lo
Taly Gilat Schmidt
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   Mats Danielsson, KTH Royal Institute of Technology (Sweden)
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8  Cone Beam CT II: Optimization and Reconstruction
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11 Nuclear Medicine and Magnetic Resonance Imaging
  Christoph Hoeschen, Otto-von-Guericke-Universität Magdeburg (Germany)
  Jinyi Qi, University of California, Davis (United States)

12 New Systems and Technologies
  Rebecca Fahrig, Siemens Healthcare GmbH (Germany) and Stanford University School of Medicine (United States)
  John Yorkston, Carestream Health, Inc. (United States)

13 Modeling and Simulations I: CT
  Lifeng Yu, Mayo Clinic (United States)
  Yuxiang Xing, Tsinghua University (China)

14 Modeling and Simulations II: Breast Imaging
  Hilde Bosmans, Katholieke Universiteit Leuven (Belgium)
  Anders Tingberg, Lund University (Sweden)

15 Breast Imaging: Tomosynthesis
  Andreu Badal, U.S. Food and Drug Administration (United States)
  Wei Zhao, Stony Brook Medicine (United States)
2017 Medical Imaging Award Recipients

Robert F. Wagner Best Student Paper Award
Robert F. Wagner was an active scientist in the SPIE Medical Imaging meeting, starting with the first meeting in 1972 and continuing throughout his career. He ensured that the BRH, and subsequently the CDRH, was a sponsor for the early and subsequent Medical Imaging meetings, helping to launch and ensure the historical success of the meeting. The Robert F. Wagner All-Conference Best Student Paper Award (established 2014) is acknowledgment of his many important contributions to the Medical Imaging meeting and his many important advances to the field of medical imaging.

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The Medical Image Perception Society

2017 Recipients:

First Place: Direct measurement of Lubberts effect in CsI:Tl scintillators using single x-ray photon imaging (10132-8)
A. Howansky, A. R. Lubinsky, Stony Brook Univ. (United States); S. K. Ghose, Brookhaven National Lab. (United States); K. Suzuki, Hamamatsu Photonics K.K. (Japan); W. Zhao, Stony Brook Univ. (United States)

Second Place: Evaluation of a high-resolution patient-specific model of the electrically stimulated cochlea (10135-21)
Ahmet Cakir, Vanderbilt Univ. (United States); Robert T. Dwyer, Vanderbilt Univ. Medical Ctr. (United States); Jack H. Noble, Vanderbilt Univ. (United States)

Conference Awards
Physics of Medical Imaging Student Paper Awards sponsored by Carestream
1st Place: Paper 10132-8, “Direct measurement of Lubberts effect in CsI:Tl scintillators using single x-ray photon imaging.” Adrian F. Howansky, Stony Brook Univ. (United States)

Runner Up: Paper 10132-90, “Optimal sinogram sampling with temporally offset pixels in continuous rotation CT,” Martin Sjölin, KTH Royal Institute of Technology (Sweden)

Runner Up: Paper 10132-5, “Pipeline for effective denoising of digital mammography and digital breast tomosynthesis,” Lucas R. Borges, Univ. de São Paulo (Brazil)
Physics of Medical Imaging Poster Presentation Awards sponsored by Siemens Healthineers


Honorable Mention: Paper 10132-191, “Validation study of the thorax phantom Lungman for optimization purposes,” Sunay Rodríguez Pérez, SCK CEN (Belgium) and KU Luven (Belgium)