Front Matter: Volume 11312
Medical Imaging 2020

Physics of Medical Imaging

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Editors

16–19 February 2020
Houston, Texas, United States

Sponsored by
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Published by
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15 Artifacts in CBCT Solved
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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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Second Place: Phase contrast CT enabled three-material decomposition in spectral CT imaging (11312-47)
Xu Ji, Ran Zhang, Ke Li, Guang-Hong Chen, University of Wisconsin School of Medicine and Public Health (United States)

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Xu Ji, Ran Zhang, Ke Li, Guang-Hong Chen, University of Wisconsin School of Medicine and Public Health (United States)

Runner-up: Method for metal artifact avoidance in C-Arm cone-beam CT (11312-78)
P. Wu, N. Sheth, A. Sisniega, A. Uneri, R. Han, R. Vijayan, P. Vagdargi, Johns Hopkins University (United States), B. Kreher, H. Kunze, G. Kleinszig, S. Vogt, Siemens Healthineers (Germany), S.-F. Lo, N. Theodore, and J. H. Siewerdsen, John Hopkins University (United States)
Runner-up: 1 μm spatial resolution in silicon photon-counting CT detectors by measuring charge diffusion (11312-14)
Christel Sundberg, Mats Persson, KTH Royal Institute of Technology (Sweden), J. Jacob Wikner, Linköping University, (Sweden) Mats Danielsson, KTH Royal Institute of Technology (Sweden)