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9040 02  A feasibility study of carotid elastography for risk assessment of atherosclerotic plaques validated by magnetic resonance imaging [9040-1]
X. Pan, Tsinghua Univ. (China); L. Huang, Philips Research (China); M. Huang, Meitan General Hospital (China); X. Zhao, L. He, Tsinghua Univ. (China); C. Yuan, Tsinghua Univ. (China) and Univ. of Washington (United States); J. Bai, J. Luo, Tsinghua Univ. (China)

9040 03  Vibro-elastography: direct FEM inversion of the shear wave equation without the local homogeneity assumption [9040-2]
M. Honarvar, S. E. Salcudean, R. N. Rohling, The Univ. of British Columbia (Canada)

9040 04  Prostate clinical study of a full inversion unconstrained ultrasound elastography technique [9040-3]
S. R. Mousavi, Western Univ. Canada (Canada); A. Sadeghi-Naini, G. J. Czarnota, Univ. of Toronto (Canada) and Sunnybrook Health Sciences Ctr. (Canada); A. Samani, Western Univ. Canada (Canada)

9040 05  Improved apparatus for predictive diagnosis of rotator cuff disease [9040-4]
A. Pillai, B. N. Hall, Clemson Univ. (United States); C. A. Thigpen, Proaxis Therapy (United States); D. M. Kwartowitz, Clemson Univ. (United States)

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R. G. Maev, Univ. of Windsor (Canada)

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S. Bahramian, Beckman Institute, Univ. of Illinois at Urbana-Champaign (United States); K. Wear, U.S. Food and Drug Administration (United States)
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H. Tadayyon, L. Sannachi, G. J. Czarnota, Sunnybrook Health Science Ctr. (Canada) and Univ. of Toronto (Canada)

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E. Grisan, Univ. degli Studi di Padova (Italy); B. Raffeiner, Univ. degli Studi di Padova (Italy) and General Hospital of Bolzano (Italy); A. Coran, Casa Di Cura Giovanni XXIII (Italy); G. Rizzo, L. Ciprian, R. Stamare, Univ. degli Studi di Padova (Italy)

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N. Q. Nguyen, L. Huang, Los Alamos National Lab. (United States)

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Medical Technologies (United States) and Karmanos Cancer Institute, Wayne State Univ.
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Awards

Robert F. Wagner 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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2014 Recipients:

First Place: MRI signal and texture features for the prediction of MCI to Alzheimer's disease progression (9035-78)
A. Martínez-Torteya, J. A. Rodríguez-Rojas, J. M. Celaya-Padilla, J. I. Galván-Tejada, V. M. Treviño-Alvarado, Sr., J. G. Tamez-Peña, Tecnológico de Monterrey (Mexico)

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Conference Award

2014 Recipients:

Cum Laude Poster Award: Simulation study of real time 3D synthetic aperture sequential beamforming for ultrasound imaging (Cum Laude Poster Award) [9040-59]
M. C. Hemmsen, M. F. Rasmussen, M. B. Stuart, J. A. Jensen, Technical Univ. of Denmark (Denmark)