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Medical Imaging 2016

Ultrasonic Imaging and Tomography

**Neb Duric
Brecht Heyde**
Editors

**28–29 February 2016
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Contents

- vii *Authors*
- xi *Conference Committee*
- xiii *2016 Medical Imaging Award Recipients*

SESSION 1 MOTION AND DEFORMATION IMAGING

- 9790 02 **Perfusion imaging with non-contrast ultrasound** [9790-1]
- 9790 03 **Blood flow velocity in the popliteal vein using transverse oscillation ultrasound** [9790-2]
- 9790 04 **High frame rate synthetic aperture vector flow imaging for transthoracic echocardiography** [9790-3]
- 9790 05 **3D vector flow using a row-column addressed CMUT array** [9790-4]
- 9790 06 **Fast myocardial strain estimation from 3D ultrasound through elastic image registration with analytic regularization** [9790-5]

SESSION 2 ULTRASOUND TOMOGRAPHY AND RECONSTRUCTION

- 9790 07 **Breast tumour visualization using 3D quantitative ultrasound methods** [9790-6]
- 9790 08 **Spatial smoothing coherence factor for ultrasound computed tomography** [9790-7]
- 9790 09 **Analysis of patient movement during 3D USCT data acquisition** [9790-8]
- 9790 0A **3D ultrasound computer tomography: update from a clinical study** [9790-9]
- 9790 0B **Ultrasound breast imaging using frequency domain reverse time migration** [9790-10]
- 9790 0C **Frequency-domain ultrasound waveform tomography breast attenuation imaging** [9790-11]

SESSION 3 ULTRASOUND IMAGE ANALYSIS AND TISSUE CHARACTERIZATION

- 9790 0D **Automatic left-atrial segmentation from cardiac 3D ultrasound: a dual-chamber model-based approach** [9790-12]
- 9790 0E **Automatic short axis orientation of the left ventricle in 3D ultrasound recordings** [9790-13]
- 9790 0F **Robust spatio-temporal registration of 4D cardiac ultrasound sequences** [9790-14]

9790 OG **A new approach to ultrasonic elasticity imaging** [9790-15]

9790 OH **Experimental characterization, comparison and image quality assessment of two ultrasound contrast agents: Optison and Definity** [9790-16]

SESSION 4 ULTRASOUND IMAGE GUIDANCE: JOINT SESSION WITH CONFERENCES 9786 AND 9790

9790 OI **Development of 3D ultrasound needle guidance for high-dose-rate interstitial brachytherapy of gynaecological cancers** [9790-17]

9790 OJ **Preliminary investigation of an ultrasound method for estimating pressure changes in deep-positioned vessels** [9790-18]

9790 OK **Novel automatic detection of pleura and B-lines (comet-tail artifacts) on in-vivo lung ultrasound scans** [9790-19]

SESSION 5 NOVEL IMAGING STRATEGIES AND SIGNAL PROCESSING

9790 OL **Sub-mSV breast XACT scanner: concept and design** [9790-20]

9790 OM **An evolutionary Bayesian search scheme for ultrasound modulated optical tomography** [9790-21]

9790 ON **Monte Carlo investigation of the dosimetric effect of the Autoscan ultrasound probe for guidance in radiotherapy** [9790-22]

9790 OO **Ultrasound perfusion signal processing for tumor detection** [9790-23]

9790 OP **Frequency-shift low-pass filtering and least mean square adaptive filtering for ultrasound imaging** [9790-24]

SESSION 6 KEYNOTE AND NEW APPLICATIONS OF ULTRASOUND IN MEDICINE AND BIOLOGY

9790 OQ **Enhanced ultrasound for advanced diagnostics, ultrasound tomography for volume limb imaging and prosthetic fitting (Keynote Paper)** [9790-25]

9790 OR **3D optical imagery for motion compensation in a limb ultrasound system** [9790-26]

9790 OS **Quantitative head ultrasound measurements to determine thresholds for preterm neonates requiring interventional therapies following intraventricular hemorrhage** [9790-27]

9790 OT **Development and evaluation of a novel VEGFR2-targeted nanoscale ultrasound contrast agents** [9790-28]

SESSION 7 TRANSDUCERS AND BEAMFORMING

9790 OU **A pseudo non-linear method for fast simulations of ultrasonic reverberation** [9790-29]

- 9790 0V **A beamforming method for plane wave Doppler imaging of high flow velocities** [9790-30]
- 9790 0W **Detection of and compensation for blocked elements using large coherent apertures: ex vivo studies** [9790-31]
- 9790 0X **Real-time 3D image reconstruction of a 24×24 row-column addressing array: from raw data to image** [9790-32]
- 9790 0Y **Volumetric synthetic aperture imaging with a piezoelectric 2D row-column probe** [9790-33]
- 9790 0Z **Optimization of synthetic aperture image quality** [9790-34]
- 9790 10 **Analog gradient beamformer for a wireless ultrasound scanner** [9790-35]

POSTER SESSION

- 9790 11 **Automated 3D ultrasound image segmentation for assistant diagnosis of breast cancer** [9790-36]
- 9790 12 **Development of estimation system of knee extension strength using image features in ultrasound images of rectus femoris** [9790-37]
- 9790 13 **Precise reconstruction of fast moving cardiac valve in high frame rate synthetic transmit aperture ultrasound imaging** [9790-38]
- 9790 14 **Effect of echo artifacts on characterization of pulsatile tissues in neonatal cranial ultrasonic movies** [9790-39]
- 9790 15 **Determining cardiac fiber orientation using FSL and registered ultrasound/DTI volumes** [9790-40]
- 9790 16 **Ultrasound transmission attenuation tomography using energy-scaled amplitude ratios** [9790-41]
- 9790 17 **Image reconstruction for robot assisted ultrasound tomography** [9790-42]
- 9790 18 **Phase aberration correction by multi-stencils fast marching method using sound speed image in ultrasound computed tomography** [9790-43]
- 9790 19 **Using ultrasound tomography to identify the distributions of density throughout the breast** [9790-44]
- 9790 1A **Automated kidney morphology measurements from ultrasound images using texture and edge analysis** [9790-45]
- 9790 1B **Automated kidney detection for 3D ultrasound using scan line searching** [9790-46]
- 9790 1C **US-Cut: interactive algorithm for rapid detection and segmentation of liver tumors in ultrasound acquisitions** [9790-47]
- 9790 1D **Delimitation of the lung region with distributed ultrasound transducers** [9790-48]

- 9790 1E **Rotation elastogram: a novel method to visualize local rigid body rotation under quasi-static compression** [9790-49]
- 9790 1F **Dynamic programming on a tree for ultrasound elastography** [9790-50]
- 9790 1G **Image-based temporal alignment of echocardiographic sequences** [9790-51]
- 9790 1H **Comparison of ultrasound B-mode, strain imaging, acoustic radiation force impulse displacement and shear wave velocity imaging using real time clinical breast images** [9790-53]
- 9790 1I **Differential diagnosis of thyroid nodules with virtual touch tissue imaging of ARFI elastography** [9790-54]
- 9790 1O **Frequency-space prediction filtering for acoustic clutter and random noise attenuation in ultrasound imaging** [9790-60]
- 9790 1P **Towards predictive diagnosis and management of rotator cuff disease: using curvelet transform for edge detection and segmentation of tissue** [9790-61]
- 9790 1Q **Classification of motor intent in transradial amputees using sonomyography and spatio-temporal image analysis** [9790-62]
- 9790 1R **Single element ultrasonic imaging of limb geometry: an in-vivo study with comparison to MRI** [9790-63]
- 9790 1T **Observations of liver cancer cells in scanning probe acoustic microscope: a preliminary study** [9790-65]
- 9790 1U **A preliminary evaluation work on a 3D ultrasound imaging system for 2D array transducer** [9790-66]
- 9790 1V **A new post-phase rotation based dynamic receive beamforming architecture for smartphone-based wireless ultrasound imaging** [9790-67]
- 9790 1W **High-resolution synthetic aperture ultrasound imaging with minimum variance beamforming and spiking deconvolution** [9790-68]
- 9790 1X **In vivo visualization of robotically implemented synthetic tracked aperture ultrasound (STRATUS) imaging system using curvilinear array** [9790-69]
- 9790 1Y **Large-pitch steerable synthetic transmit aperture imaging (LPSSTA)** [9790-70]
- 9790 1Z **Higher-frame-rate ultrasound imaging with reduced cross-talk by combining a synthetic aperture and spatial coded excitation** [9790-71]

Authors

Numbers in the index correspond to the last two digits of the six-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first four digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Aalamifar, Fereshteh, 17, 1X
Abbey, Craig K., 0O
Aklaghi, Nima, 1Q
Alessandrini, Martino, 06
Almeida, Nuno, 0D
Annangi, Pavan, 1A
Anthony, Brian W., 0Q, 0R, 1R
Azuma, Takashi, 18
Bækgaard, Niels, 03
Bagge, Jan Peter, 05, 10
Baker, Clayton A., 1Q
Bamber, Jeffrey, 0N
Bechsgaard, Thor, 03, 04
Beers, Christopher, 05, 0Y
Bersvendsen, Jørn, 0F, 1G
Boctor, Emad M., 17, 1X
Boily, Mathieu, 1F
Boone, Michael, 0C
Bottenus, Nick, 0W
Bouzari, Hamed, 0Y
Brandt, Andreas Hjelm, 03
Byram, Brett C., 02, 0U
C., Sowmiya, 1E
Cardona Cárdenas, Diego Armando, 1D
Carson, Paul L., 11
Chakraborty, Bidisha, 06
Chee, Adrian J. Y., 0J
Chen, Jian, 0L
Chen, Ting, 16
Chen, Xiaohui, 1T
Chen, Xiaojun, 1C
Christiansen, Thomas Lehmann, 05, 0Y
Claus, Piet, 0E
Czarnota, Gregory J., 07
Dahl, Jeremy, 0W
Danudibroto, Adriyana, 0F, 1G
Day, Steven W., 0H
de Ribaupierre, Sandrine, 0S
D'hooge, Jan, 06, 0D, 0E, 1G
Di Ianni, Tommaso, 10
Ding, Mingyue, 08, 0P, 0T, 0X, 11, 1T, 1U
Dokter, Mark, 1C
Dormer, James, 15
D'Souza, D., 0I
Du, Sidan, 11
Dumont, Douglas M., 02
Duric, Neb, 0B, 0C, 19
Edwardsen, Thor, 0E
Egger, Jan, 1C
Engholm, Mathias, 05, 0Y
Engvall, Jan, 0E
Estépar, Raúl San José, 0F
Ewertsen, Caroline, 0K
Fang, Xiaoyue, 1T
Fatemi, Mostafa, 0G
Fei, Baowei, 15
Feigin, Micha, 0R
Fenster, Aaron, 0I, 0S
Fincke, Jonathan R., 1R
Foley, Mark J., 0N
Fujita, Hiroshi, 12
Fukuoka, Daisuke, 12
Fukuzawa, Masayuki, 14
Furuie, Sérgio Shiguemi, 1D
Gangeh, Mehrdad J., 07
Gemmeke, H., 09, 0A
Gérard, Olivier, 0D, 1G
Ghaboussi, Jamshid, 0G
Gierach, Gretchen L., 19
Gilroy, Stephen, 0N
Gu, Peng, 11
Guo, Hua, 1T
Hadizad, Farnoosh, 07
Hajdok, G., 0I
Hann, Alexander, 1C
Hansen, Kristoffer Lindskov, 03, 0K
Hara, Takeshi, 12
Hariharan, Harishwaran, 1Q
Harris, Emma, 0N
He, Xiaoling, 0T
Heeren, Laurens, 0E
Hemmsen, Martin Christian, 0K, 0Z, 10
Henrich, J., 0A
Herr, Hugh M., 0R
Heyde, Brecht, 06, 0E
Ho, Chung Kit, 0J
Hoerig, Cameron, 0G
Hofmann, Michael, 1C
Holbek, Simon, 03, 05
Hopp, T., 09, 0A
Huang, Lianjie, 16, 1O, 1W
Hughes, Amy C., 0H
Ikeda, Teiichiro, 13, 1Z
Imoto, Haruka, 18
Insana, Michael F., 0G, 0O
Ishihara, Chizue, 13, 1Z
Jakovljevic, Marko, 0W
Jensen, Henrik, 10

Jensen, Jonas, 0Z
 Jensen, Jørgen Arendt, 03, 04, 05, 0J, 0K, 0Y, 0Z,
 10
 Jiang, Rong, 15
 Kaiser, C., 0A
 Kang, Jeeun, 1V
 Kim, Min, 1V
 Kim, MinWoo, 0O
 Kishimoto, Jessica, 0S
 Kitsunozuka, Yoshiki, 14
 Knautd, J., 0A
 Kolios, Michael C., 1Y
 Kosecka, Jana, 1Q
 Kothawala, Ali Arshad, 1E
 Kretzek, E., 09, 0A
 Kumar, Shalki, 0W
 Kuo, Lily, 0W
 Kwartowitz, David M., 1P
 Lacefield, James C., 0V
 Lanning, Justin, 1A
 Lee, David S. C., 0S
 Lee, Gunho, 1V
 Lee, Won-Mean, 11
 Lei, Anders, 05, 0Y
 Leung, E., 0I
 Li, Chunfang, 0T
 Li, Chunyu, 0P, 0X, 1U
 Li, Cuiping, 0C
 Li, Tao, 1I
 Li, Xu, 0X, 1U
 Li, Ying, 1Y
 Li, Yiyong, 1I
 Lin, Hongxiang, 18
 Linte, Cristian A., 0H
 Littrup, Peter, 19
 Liu, Hong, 0L
 Liu, Simon, 07
 Lönn, Lars, 03
 Lou, Cuijuan, 08
 Machireddy, Ramasubba Reddy, 1H
 Manickam, Kavitha, 1H
 Mansour, Omar, 0V
 Martineau, Paul A., 1F
 Martyn, Michael, 0N
 Masuzawa, Hiroshi, 13, 1Z
 Matsumoto, Yoichiro, 18
 Mi, Yongwei, 1I
 Mirea, Oana, 1G
 Mireault, Al, 0R
 Moesner, Lars Nordahl, 05
 Møller Sørensen, Hasse, 0K
 Montgomery, Katelyn, 0C
 Moshavegh, Ramin, 0K, 0Z
 Murakami, Hiroki, 12
 Muramatsu, Chisako, 12
 Nadolny, Anne, 1B
 Nielsen, Michael Bachmann, 03, 04, 0K
 Nikolov, Svetoslav Ivanov, 0Y
 Noll, Matthias, 1B
 O'Shea, Tuathan, 0N
 Olesen, Jacob Bjerring, 0J
 Orderud, Fredrik, 0D
 Pai Raikar, Vipul, 1P
 Papachristidis, Alexandros, 0E
 Park, Minsuk, 1V
 Pedrosa, João, 0E
 Poepping, Tamie L., 0V
 Pratt, R. G., 0B
 Qin, Xulei, 15
 Qu, Xiaolei, 18
 Raghavan, Bagyam, 1H
 Raheem, Abdul, 07
 Rahmim, Arman, 17
 Ranger, Bryan J., 0R
 Rangwala, Huzefa, 1Q
 Raskar, Ramesh, 0R
 Ravishankar, Hariharan, 1A
 Ren, Liqiang, 0L
 Rivaz, Hassan, 1F
 Rodgers, J., 0I
 Romano, Walter, 0S
 Roubidoux, Marilyn A., 11
 Roy, Debasish, 0M
 Roy, Olivier, 0B, 0C
 Ruiten, N. V., 09, 0A
 Sak, Mark, 19
 Sakuma, Ichiro, 18
 Salehi, Fateme, 0S
 Samant, Pratik, 0L
 Samset, Eigil, 0D, 0F, 1G
 Sandhu, Gursharan Yash Singh, 0C
 Sarvari, Sebastian I., 0D
 Schmalstieg, Dieter, 1C
 Schwarz, Karl Q., 0H
 Shams, Roozbeh, 1F
 Shen, Ming, 15
 Sherman, Mark E., 19
 Shin, Junseob, 16, 1O, 1W
 Shu, Jasmine, 0U
 Sikdar, Siddhartha, 1Q
 Song, Junjie, 0X, 1U
 Song, Tai-Kyong, 1V
 Strandberg, Charlotte, 03
 Stuart, Matthias Bo, 04, 05, 0Y, 0Z
 Suzuki, Mayumi, 13
 Tabata, Yuki, 14
 Tadayyon, Hadi, 07
 Takagi, Shu, 18
 Takahashi, Kazuki, 14
 Takano, Shinta, 13
 Tamano, Satoshi, 18
 Tang, Shanshan, 0L
 Terabayashi, Nobuo, 12
 Tessier, D., 0I
 Thittai, Arun K., 1E
 Thomsen, Erik Vilain, 05, 0Y
 Tierney, Jaime E., 02
 Toews, Matthew, 0F
 Traberg, Marie Sand, 0J
 Trahey, Gregg, 0W

Tukalo, A., 0A
Umemura, Shin-Ichiro, 18
Urheim, Stig, 0F
Vardi, Nitsan, 10
Vasu, Ram Mohan, 0M
Venugopal, Mamatha, 0M
Villagómez-Hoyos, Carlos Armando, 04, 0J, 0Z
Vogtreiter, Philip, 1C
Wagner, Mary B., 15
Wang, Shanshan, 0P
Wang, Silun, 15
Wang, Xueding, 11
Wang, Yuxin, 11
Washburn, Michael, 1A
Watanabe, Tsuneo, 12
Wells, William M., III, 0F
Wesarg, Stefan, 1B
West, Erik, 0C
Xi, Qing, 1T
Xiang, Liangzhong, 0L
Xu, Mengling, 08
Xu, Yuan, 1Y
Yang, Jiali, 0X, 1U
Yiu, Billy Y. S., 0J
Yu, Alfred C. H., 0J
Yu, Houqiang, 0T
Yuan, Jie, 11
Yuchi, Ming, 08, 0P, 0X, 1U
Zamorano, Jose, 0E
Zapf, M., 09, 0A
Zhang, Haichong K., 17, 1X
Zhang, Ji, 1I
Zhang, Ning, 1T
Zhang, Xiang, 0R, 1R
Zhang, Xiaodong, 15
Zhong, Xiaoli, 0X, 1U
Zhou, Pei, 1I
Zhou, Qibing, 0T
Zoller, Wolfram G., 1C
Zuberi, M. A. H., 0B

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Torsten Hopp, Karlsruher Institut für Technologie (Germany)
- 3 Ultrasound Image Analysis and Tissue Characterization
Brecht Heyde, KU Leuven (Belgium) and Duke University
(United States)
- 4 Ultrasound Image Guidance: Joint Session with Conferences 9786
and 9790
Parvin Mousavi, Queen's University (Canada)
Brecht Heyde, KU Leuven (Belgium) and Duke University
(United States)
- 5 Novel Imaging Strategies and Signal Processing
Mohammad Mehrmohammadi, Wayne State University
(United States)
- 6 Keynote and New Applications of Ultrasound in Medicine and
Biology
Brian W. Anthony, Massachusetts Institute of Technology
(United States)
Neb Duric, Delphinus Medical Technologies, Inc. (United States) and
Karmanos Cancer Institute (United States)
- 7 Transducers and Beamforming
Jørgen Arendt Jensen, Technical University of Denmark (Denmark)
Marko Jakovljevic, Duke University School of Medicine (United States)
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2016 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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2016 Recipients:

First Place: **MIND Demons for MR-to-CT deformable image registration in image-guided spine surgery** (9786-16)

S. Reangamornrat, T. De Silva, A. Uneri, Johns Hopkins Univ. (United States), J.-P. Wolinsky, Johns Hopkins Hospital (United States), A. J. Khanna, Johns Hopkins Health Care & Surgery Ctr. (United States), G. Kleinszig, S. Vogt, Siemens Healthcare (Germany), J. L. Prince, J. H. Siewerdsen, Johns Hopkins Univ. (United States)

Second Place: **Design, fabrication, and implementation of voxel-based 3D printed textured phantoms for task-based image quality assessment in CT** (9783-76)

Justin Solomon, Duke Univ. School of Medicine (United States), Alexandre Ba, Institut Univ. de Radiophysique Appliquée (Switzerland), Andrew Diao, Duke Univ. (United States), Joseph Lo, Elianna Bier, Duke Univ. School of Medicine (United States), François Bochud, Institut Univ. de Radiophysique Appliquée (Switzerland), Michael Gehm, Duke Univ. (United States), Ehsan Samei, Duke Univ. School of Medicine (United States)

Conference 9790 Awards

Cum Laude Poster Award

First Place: **Endocavity ultrasound, fiber-guided photoacoustic, and quasi-static elasticity imaging** (9790-59)

Yan Yan, Sirisha Kondle, Vishal N. Srivastava, Bhargava Saripalli, Jinjun Xia, Edgar A. Hernandez, Mohammad Mehrmohammadi, Wayne State Univ. (United States)

