2017 IEEE SIGNAL PROCESSING SOCIETY AWARDS
Signal Processing Society Best Paper Award

Signal Processing Society Best Paper Award

Ossama Abdel-Hamid, Abdel-rahman Mohamed, Hui Jiang, Li Deng, Gerald Penn and Dong Yu,
"Convolutional Neural Networks for Speech Recognition",
Jason T. Parker, Philip Schniter, and Volkan Cevher,
Signal Processing Society
Sustained Impact Paper Award

Signal Processing Society
Overview Paper Award

Signal Processing Society
Young Author Best Paper Award

Signal Processing Society
Young Author Best Paper Award

Saiprasad Ravishankar, for the paper co-authored with Yoram Bresler, "Learning Sparsifying Transforms", *IEEE Transactions on Signal Processing*, vol. 61, no. 5, March 2013.
Signal Processing Society
Young Author Best Paper Award

Yuanming Shi and Brendan O’Donoghue, for the paper co-authored with Jun Zhang and Khaled B. Letaief, "Large-Scale Convex Optimization for Dense Wireless Cooperative Networks", IEEE Transactions on Signal Processing, vol. 63, no. 18, September 2015.
Signal Processing Magazine Best Paper Award

Signal Processing Magazine Best Column Award

“SP Cup” 2017 Global Student Competition
(Real-Time Beat Tracking Challenge)

20 countries participated

**Grand Prize:** $5K cash + travel grants to ICASSP

Team "Beats on the Barbie"

*University of New South Wales, Australia*

**Supervisor:** Vidhyasaharan Sethu
Jeremy Bell, Max Fisher, Angus Keatinge, James Wagner

Thanks to Mathworks for generously supporting the SP Cup.
Signal Processing Society
Meritorious Service Award

K. J. Ray Liu
“for exemplary service to and leadership in the Signal Processing Society.”
Signal Processing Society
Technical Achievement Award

Bhaskar D. Rao “for fundamental contributions to array processing and sparsity-based signal processing.”

Jelena Kovacevic
"for contributions to the theory and practice of signal representations."
P. P. Vaidyanathan
"for pioneering contributions to signal processing theory and education."
Chapter of the Year Award

is being presented to

IEEE Signal Processing Society Gujarat Chapter

“for providing its membership with programs, activities, and services of the highest quality.”
Subhadeep Dey, Idiap Research Institute, Switzerland
with Petr Motlicek, Srikanth Madikeri, and Marc Ferras,
“Exploiting Sequence Information For Text-dependent Speaker Verification”
Spoken Language Processing Student Travel Grant

Yuki Saito, The University of Tokyo, Japan
with Shinnosuke Takamichi and Hiroshi Saruwatari,
“Training Algorithm To Deceive Anti-spoofing Verification For Dnn-based Speech Synthesis”
Mark Y. Liberman,
“for pioneering contributions to and continued leadership in robust, replicable, and data-driven speech and language science and engineering.”
2017 IEEE Fourier Award for Signal Processing

Russell Mersereau,
“for sustained technical contributions to multidimensional digital signal processing.”
2017 IEEE LEON K. KRICHMAYER GRADUATE TEACHING AWARD

C.-C. Jay Kuo, “for inspirational guidance of graduate students and curriculum development in the area of multimedia signal processing.”
IEEE Jack S. Kilby Signal Processing Medal

2017 – Martin Vetterli,
“for fundamental contributions to advanced sampling, signal representations, and multirate and multiresolution signal processing.”
2017 Signal Processing Society Fellow

Raviraj Adve, Toronto, Canada, “for development of signal processing techniques for airborne radar.”
2017 Signal Processing Society Fellow

Sos Agaian, San Antonio, Texas, “for contributions to biologically-inspired visual data processing systems.”
2017 Signal Processing Society Fellow

Lap-Pui Chau, Singapore, Singapore, “for contributions to fast computation algorithms for visual signal processing.”
2017 Signal Processing Society Fellow

Huaiyu Dai, Raleigh, North Carolina, “for contributions to MIMO communications and wireless security.”
2017 Signal Processing Society Fellow

Jose Dias, Lisboa, Portugal, “for contributions to imaging inverse problems in remote sensing.”
2017 Signal Processing Society Fellow

Pier Luigi Dragotti, London, United Kingdom, “for contributions to sparse signal representation and sampling theory.”
James Fowler, Mississippi State, Mississippi, “for contributions to lossy source coding and dimensionality reduction of multidimensional data.”
2017 Signal Processing Society Fellow

Michael Gastpar, Lausanne, Switzerland, “for contributions to network information theory.”
2017 Signal Processing Society Fellow

Uwe Hanebeck, Waldbronn, Germany, “for contributions to nonlinear estimation and control.”
2017 Signal Processing Society Fellow

Julia Hirschberg, New York, New York, “for contributions to text-to-speech synthesis and spoken language understanding.”
2017 Signal Processing Society Fellow

Yo-Sung Ho, Gwangju, Korea, “for contribution to video coding and 3D image processing.”
2017 Signal Processing Society Fellow

Tatsuya Kawahara, Kyoto, Japan, “for contributions to speech recognition and understanding.”
2017 Signal Processing Society Fellow

Takao Kobayashi, Yokohama, Japan,
“for contributions to expressive speech synthesis based on a statistical parametric approach.”
2017 Signal Processing Society Fellow

Li Li, Beijing, China, “for contributions to intelligent transportation systems and vehicles.”
Yuanqing Li, Guangzhou, China, “for contributions to brain signal analysis and brain computer interfaces.”
2017 Signal Processing Society Fellow

Wing-Kin Ma, Shatin, Hong Kong, “for contributions to optimization in signal processing and communications.”
2017 Signal Processing Society Fellow

Enrico Magli, Torino, Italy, “for contributions to compression and communication of remotely sensed imagery.”
2017 Signal Processing Society Fellow

Srikantan Nagarajan, San Francisco, California, “for contributions to neural engineering and biomagnetic brain imaging.”
Panos Nasiopoulos, Vancouver, Canada, “for leadership in DVD authoring and digital multimedia technologies.”
2017 Signal Processing Society Fellow

Bhiksha Raj, Pittsburgh, Pennsylvania, “for contributions to speech recognition.”
2017 Signal Processing Society Fellow

Bhuvana Ramabhadran, Mount Kisco, New York, “for contributions to speech recognition and language processing.”
Gael Richard, Paris, France, “for contributions to analysis, indexing and decomposition of audio and music signals.”
2017 Signal Processing Society Fellow

Seb Savory, Ely, United Kingdom, “for contributions to digital coherent transceivers for optical fiber communication.”
2017 Signal Processing Society Fellow

Steven Smith, Lexington, Massachusetts, “for contributions to statistical signal processing and applications to radar and sonar.”
2017 Signal Processing Society Fellow

Yannis Stylianou, Cambridge, United Kingdom, “for contributions to speech analysis and communication.”
Welcome to ICASSP 2017