

## 2017 General Chair's Message

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On behalf of the Organizing Committee of the 2017 IEEE International Conference on Electro Information Technology (eit2017), it is my pleasure to welcome you to the conference.

We are grateful to the IEEE Region 4 for financial sponsorship, IEEE Communication Society, IEEE Power and Energy Society, and the University of Nebraska Medical Center (UNMC) for their technical co-sponsorship and to the University of Nebraska-Lincoln (UNL) for its technical co-sponsorship and for hosting the conference.

The eit2017 conference brings together seven unique tracks, each covering a variety of topics specific to that track. The tracks are: wired and wireless communications, signal processing and bioinformatics, computer and software engineering, automotive system engineering IT, STEM education, and advances in modeling and simulation in health sciences (AM&SiHS). AM&SiHS is new to eit conferences and is intended to bring the significance and applications of electro information technology in the medical field into the forefront.

Over 200 full papers from 16 states and 15 countries were submitted to the conference; they were fully reviewed by at least two experts in each area. The manuscripts accepted came from 14 states and 11 countries, with an overall acceptance rate of 59.9%. The acceptance rate in some tracks was below 50%.

The success of this conference is due to the efforts of my colleagues. My special gratitude goes to Dr. Hossein Mousavinezhad, eit founding General Chair, and Mr. Jim

Riess, Region 4 Conference Administrator, for their continued and constructive views, support, and direction in the organization efforts; Dr. Jerry Hudgins for serving as Program Co-Chair and Advisor; Drs. Hamid Sharif, Yi Qi, and Byrav Ramamurthy for organizing the wired and wireless communications track; Dr. Khalid Sayood and Mr. Dan Durbin for organizing the signal processing and bioinformatics track; Dr. Wei Qiao and Mr. Alan Dostal for organizing the power and energy track; Drs. Harvey Siy and Mahadevan Subramaniam for organizing the computer and software engineering track; Drs. David Jones and Russ Meier for organizing the STEM education track; Drs. Roland Hass and Dietmar Moeller for organizing the automotive system engineering IT; Mr. Steve Cass for sponsorship and outreach; Ms. Lynn Waterford for organizing exhibits; Drs. Subra Ganesan and Russ Meier for publicity; Drs. Eric Psota, Afshin Izadian, and Reza Fazel-Rezai for publication; Mr. Jeffery Buttermore, IEEE Nebraska Section for coordinating the organization of this conference with Nebraska IEEE Section activities; Mr. Matt Honke and Mr. Bob Evanich for website development and updates.

I am also indebted to Dr. Pamela Boyers, Associate Vice Chancellor of iEXCEL, UNMC, and Ms. Beverly Seay, Executive Director of Nebraska Applied Research Initiative (NARI) of the University of Nebraska-Omaha (UNO), for co-organizing the AM&SiHS track and, together with Ms. Suzanne Torroni of UNMC, for helping in fundraising efforts.

Special thanks to Dr. Lance Perez, Dean of the College of Engineering, and Dr. Jerry Hudgins, Chair of the Electrical and Computer Engineering Department, for their help, support, and encouragement.

We are grateful for the generous financial support of the Nebraska Public Power District, CAE Healthcare, AVI-SPL, and the UNL College of Engineering at the Gold level; NCEE Lab and The National Center for Simulation at the Bronze level; and Nebraska EPSCoR for sponsoring the luncheon.

Once again, on behalf of eit2017 and its organizing committee, welcome to the conference. May it meet your goals and may you all leave satisfied and enriched.



Hamid Vakilzadian, PhD  
General Chair, eit2017