

NAFIPS Conference Welcome

It is our pleasure to welcome you to the 2014 North American Fuzzy Information Processing Society's Conference (NAFIPS 2014) held as a part of the IEEE 2014 conference on Norbert Wiener in the 21st Century. This year's NAFIPS conference will attract over 120 participants, and we anticipate a very exciting and inspiring event on June 24-26, 2014 in Boston, MA. This year marks 50 years since Lotfi Zadeh started conceptualizing Fuzzy Sets and his first paper after the completion of his doctorate degree was an article on "Wiener extension" written together with John Ragazzini. After immigrating to the United States, Lotfi continued his studies at MIT. Hence, NAFIPS 2014, being held in the vicinity of MIT, commemorates such significant milestone. This conference this year, under the theme Fuzzy Logic: Tools for Systems Classification, and Future Applications, brings the researchers and practitioners in the area of soft computing to Boston to share their scientific findings in the field as well as take part in celebrating the life and works of Norbert Wiener as a part of IEEE 2014 conference on Norbert Wiener in the 21st Century.



William W. Melek
NAFIPS track Chair



Vladik Kreinovich
NAFIPS President

We believe that this year's conference will provide an exceptional setting for sharing and exchanging new ideas, methods, and systems that are directly targeted to industrial applications in healthcare, control, pattern recognition, system modeling, and many other real world soft computing applications. The NAFIPS 2014 conference features 70 high-quality papers selected from 82 papers submitted to the conference after peer-review. The technical program includes one keynote presentation, 2 invited special sessions, 18 oral presentation sessions, and a banquet with keynotes Flo Conway & Jim Siegelman. We expect that this intensive but exciting program will introduce the Boston-Cambridge area to you as a unique place where innovation, research, development, and education merge with industry and business. This conference is a continuation of the tremendous success of the field and its impact on our day-to-day lives. NAFIPS'2014 conference would not be possible without the excellent teamwork of all the people involved in its organization. We want to express our sincere thanks to all members of the Program and Organizing Committees of the IEEE 2014 conference on Norbert Wiener in the 21st Century for their dedication and hard work.



Norbert Wiener in the 21st Century

Driving Technology's Future



CONFERENCE PROGRAM

24 - 26 June 2014, Boston