

Mani Venkatsubramanien



Mani V. Venkatasubramanian is a Boeing Distinguished Professor in Electrical Engineering at Washington State University (WSU), Pullman, WA. He also serves as the Director of the Energy Systems Innovation Center (ESIC) at WSU. He received his M.S. and D.Sc. in Systems Science and Mathematics from Washington University, St. Louis, MO, and B.E. (Hons). In Electrical and Electronics Engineering from Birla Institute of Technology and Science, Pilani, India. He was an invited member of the working groups that studied the 1996 Western interconnection blackouts and the 2003 Northeastern blackout. He serves as the Chair of the IEEE PES Working Group on Power System Dynamic Measurements. He is a Fellow of IEEE.

Aftab Alam



Aftab Alam provides engineering support for outage coordination and planning, real-time grid and market operations for the California ISO and Reliability Coordinator functions for RC West entities. He is also involved in the development of operating procedures and implementation of various real-time assessment applications such as real-time contingency analysis, voltage and transient stability analysis and oscillation monitoring required to provide situational awareness to operators. Prior to joining CAISO in 2011, Aftab was in Transmission Planning at ISO New England since 2007. Aftab completed his PhD and Masters in Electrical Engineering with a focus in Power Systems from Clemson University in 2007 and 2003 respectively. Aftab also serves on the NASPI leadership team and is involved with various working groups focused on system reliability at WECC, NERC and IEEE as a Senior Member.

Chetan Mishra



Chetan Mishra is a senior engineer at Dominion Energy, where he has been leading the new synchrophasor analytics research effort. He has over 7 years of industry experience, with a focus on the challenges posed by increasing penetration of renewables to transmission system stability and reliability. Chetan earned his B.S. in electrical engineering from the Indian Institute of Technology, BHU in Varanasi, India, in 2012, and his M.S. and Ph.D. in electrical engineering from Virginia Tech in Blacksburg, Virginia, in 2014 and 2017, respectively. His research interests include dynamical systems and data driven analysis.

Evangelos Farantatos



Evangelos Farantatos received the Diploma in Electrical and Computer Engineering from the National Technical University of Athens, Greece, in 2006 and the M.S. and Ph.D. degrees from the Georgia Institute of Technology, Atlanta, GA, USA, in 2009 and 2012, respectively. He is a Principal Project Manager with the Grid Operations and Planning R&D Group at EPRI, Palo Alto, CA. He is managing and leading the technical work of various R&D projects related to synchrophasor technology, power systems monitoring and control, power systems stability and dynamics, renewable energy resources modeling, grid operation and protection with high levels of inverter-based resources. He is a Senior Member of IEEE. In summer 2009, he was an intern at MISO

Dan Trudnowski



Dan Trudnowski is a professor of electrical engineering at Montana Technological University, and Dean of the School of Mines and Engineering. After earning his B.S. in engineering science in 1987 from Montana Tech, Dan completed his MS and Ph.D. at Montana State University. He spent 5 years as a researcher at the U.S. Department of Energy's Pacific Northwest National Lab before joining Montana Tech's faculty in 1995. Dr. Trudnowski has advised approximately 25 graduate students, authored/co-authored over 100 peer-reviewed publications, received multiple patents, received professional recognition as an IEEE Fellow, and shared a prestigious R&D 100 Award in 2017 for developing an innovative approach to dampen electromechanical oscillations in an electric power grid.