Workshop on Cyber-Physical Systems

IEEE PES Distinguished Lecturer Program & IEEE Professional Speaker Series
Jointly hosted by the IEEE Student Branch at Wichita State University, IEEE Wichita Section and Wichita State Student Government Association

Dr. Dave Bakken

Professor, EECS Dept. Washington State University

IEEE PES Distinguished Lecturer

Discussion: **Nov. 30, from 12:30 to 2:00 pm** **at RSC 314**
Discussions with students in Cyber-Power Area

Seminar: **Nov. 30, from 2:00 to 3:00 pm** **at RSC 319**
Hierarchical Virtual Power Plants: Architecture and Mechanisms for Bottom-Up and Horizontal Coordination for Peer-to-Peer Power Management and Markets

Workshop: **Dec. 1, from 9:00 to 2:00 pm** **at EEB 264**
Overview of Distributed Computing including Middleware, Fog, Edge, and Cloud

Bio: Dr. David E. Bakken is a Professor of Computer Science whose expertise is in middleware platforms. Since 1999 he has worked closely with Washington State University power program on helping improve information and communication technology (ICT) for the grid. This has included GridStat, a publish-subscribe framework offering high enough performance and fault tolerance for RAS and distributed control; the remote testing framework Erkios, the distributed coordination platform DCBlocks, the cloud platform GridCloud (with Cornell), and others. Prior to Washington State University he was a DARPA PI at BBN, the company that built the first internet (the ARPANET) in 1969 and the first middleware starting in 1979. Dr. Bakken also worked at Boeing (Commercial) in Seattle as a software engineer.

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Pre-register at:
Registration not required for attendance.