

Stephen M. Williams, P.E., Ph.D.

Vice President of Campus Infrastructure at Milwaukee School of Engineering

Milwaukee, WI, US

Dr. Steve Williams specializes in control systems, power electronics and electromechanical systems.

Biography

Dr. Steve Williams is the vice president of campus infrastructure. He formerly served as chair of the Electrical Engineering and Computer Science Department at MSOE. His areas of specialization include control systems design, design engineering, electromechanical systems, sensor technologies, power electronics, and digital signal processing. He joined the faculty at MSOE in 2002 and served as the electrical engineering program director before being promoted to department chairperson. Dr. Williams is an ABET program evaluator and has been very involved with the American Society of Engineering Education and the Institute for Electrical and Electronics Engineers.

Areas of Expertise

Curriculum Design, Electromechanical Systems, Control Systems, Power Electronics, Electrical Engineering

Affiliations

American Society for Engineering Education (ASEE) : Member, Electrical & Computer Engineering, First Year Programs, Energy Conversion and Conservation Divisions, Institute of Electrical and Electronics Engineers (IEEE) Education Society : Senior Member, IEEE Real World Engineering Projects: Past Chair, IEEE Early Career Faculty Development Program: Past Chair, IEEE Committee on Engineering Accreditation Activities: Member, IEEE HKN the BRIDGE Magazine: Past Editor-in-Chief

Event and Speaking Appearances

Putting More Punch in PowerPoint Workshop

Frontiers in Education 2009 Conference

Real-time DSP for Educators: Hands-on Workshop

June 2005

Application of Variable Frequency Drives

Rockwell Automation, August 2004

ASEE Annual Conference - Chairs Conclave

Organizing Director 2018 & 2019

Education, Licensure and Certification

Licensed Professional Engineer
Wisconsin

Ph.D.

Electrical Engineering University of Missouri-Columbia

M.S.

Electrical Engineering University of Missouri-Columbia

B.S.

Electrical Engineering University of Missouri-Columbia

Accomplishments

Best Paper Award, New Engineering Educators Division
American Society of Engineering Education, 2014

Innovative Program Award

Electrical and Computer Engineering Department Heads Association (with Owe Petersen and Jörg Mossbrucker), 2009

Falk Engineering Educator Award, MSOE
2007

Best Paper Award

Energy Conversion and Conservation Division, American Society of Engineering Education, 2006

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