



Power Electronics & Electric Machines

Fall 2018 WEMPEC Seminars

3:30 p.m.

Room 2535 Engineering Hall (*unless otherwise noted*)

<u>Date</u>	<u>Presenters</u>	<u>Seminar Title</u>
Sept. 7	WEMPEC Faculty and Staff	Orientation Seminar, 2:30 PM Fall Picnic – Rennebohm Park
Sept. 14	Gilsu Choi GM	Loss Modeling & Control Strategies for Improving Efficiency in EVs & HEVs
Sept. 21	Tim Obermann Milwaukee Electric Tool	Power Electronics and Motors for Power Tool Applications
Sept. 28	Prof. Wolfgang Gruber Johannes Kepler University, Austria	Intro to selected projects in the field of Magnetically Levitated Systems
Oct. 5	Jason Kreidler Regal Beloit	Enabling Technology at Regal Beloit
Oct. 12	Kum-Kang Huh GE Global Research	Electric Machines and Drives Research at GE Global Research Center
Oct. 19	Engineer's Day	***** NO SEMINAR *****
Oct. 26	Gus Collins JTEKT	An Extended Temperature Range Lithium-Ion Capacitor
Nov. 2	Garron Morris Rockwell Automation	Reliability Challenges with IGBTs Used in Motor Drives
Nov. 9	Mark Solveson, Paul Larsen ANSYS	Simulation-Driven Product Development for Battery, Power Electronics, Electric Machine and Control Integration
Nov. 16	Paulo Guedes-Pinto TECO-Westinghouse	Fully Integrated High Speed Megawatt Class Motor and High Frequency Variable Speed Drive System
Nov. 23	Thanksgiving Recess	***** NO SEMINAR *****
Nov. 30	Van Godbold John Deere Moline	Challenges with Single Phase Shielded Cables
Dec. 7	Benjamin Koerner dSPACE	Advancing Development Tools for Real-Time Controls of Power Electronics Applications
Dec. 14	Lab Symposium	***** NO SEMINAR *****