

Spring 2018 Colloquium Schedule

All lectures to be held at 2 p.m. on Tuesdays in Olin 202
of Olin Engineering Center, 1515 W. Wisconsin Ave.

Reception and refreshments at 1:30 p.m., Room 204 of the College of Engineering.

For more information, call the EECE department office at (414) 288-6820, or visit

http://www.marquette.edu/engineering/electrical_computer/

- January 30 **Designing Insulation Systems for Modern Low Voltage Motor-Drive Applications – Where Electromagnetics meets, Heat Transfer, Power Electronics, Power Systems, Transmission Line Theory, and Plasma Physics**
Dr. Gennadi Sizov
Senior Motor Development Engineer, Rockwell Automation
Mequon, Wisconsin
- February 13 **Surface Acoustic Wave Devices for Inertial Navigation**
Dr. Benyamin Davaji
Postdoctoral Associate, ECE Department, Cornell University.
116 Hoy Rd., Phillips Hall 122C, Ithaca, NY 14853
- February 20 **Applications of Artificial Intelligence and Deep Learning at the MCW Center for Imaging Research**
Dr. Kevin Koch
Director, Center for Imaging Research, Medical College of Wisconsin
8701 Watertown Plank Rd., Wauwatosa, WI, 53226
- February 27 **Spectral Computed Tomography Imaging with Photon-Counting Detectors**
Dr. Taly Gilat-Schmidt
Associate Professor, Dept. of Biomedical Engineering
Marquette University, Milwaukee, WI
- March 20 **Influence Electric Motors for Electrified Vehicles**
Dr. Khwaja Rahman
GM Technical Fellow/Technical Lead Electromagnetic Design
General Motor Global Propulsion System
New Products and Advanced Engineering, Pontiac, MI 48340
- March 27 **Sensor Design for IIOT**
Mr. Michael Wusterbarth
Director of Engineering – Flow Instrumentation
Badger Meter,
4545 W Brown Deer Road Milwaukee WI 53224-9536
- April 10 **Robotic Data Gathering in Agriculture and Environmental Monitoring**
Dr. Ibrahim Volkan Isler
Professor, Department of Computer Science
University of Minnesota, Minneapolis, MN
- *New April 17* "Who is Buying? How Computer Vision Helps Retailers and Consumer Packaged Goods Companies to Establish Marketing Strategy."**
Dr. Youngrock Yoon
Vice President, Technology
VideoMining Corp.

All lectures are free and open to the public