

## 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/](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
- \* **New March 27 (Un)supervised Learning for Fine Image Segmentation: Applications in Flower Detection and Activity of Daily Living Analysis**  
Dr. Henry Medeiros  
Assistant Professor EECE Department Marquette University  
Mr. Philip Ambrozio Dias, Presenting  
Ph.D. Candidate, Marquette University
- April 10 **Sensor Design for IIOT**  
Mr. Michael Wusterbarth  
Director of Engineering – Flow Instrumentation  
Badger Meter,  
4545 W Brown Deer Road Milwaukee WI 53224-9536
- \*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.