



Spring 2017 Colloquium Series

The EE Department colloquium series features talks by guest speakers and Mines faculty on recent Electrical Engineering basic and applied research. Following is the schedule for Spring 2017.

Time & Location	Speaker	Title of Talk
Tuesday January 17 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: AH 134	 Dr. Ben Kroposki, Director – Power Systems Engineering Center NREL, Golden, CO	<i>Integrating High Levels of Variable Renewable Energy in Electric Power Systems</i>
Tuesday January 31 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. Farshad Harirchi, Post-Doctoral Fellow, EECS, University of Michigan Ann Arbor, MI	<i>Model-Based Decision Making in Cyber-Physical Systems</i>
Tuesday February 14 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. Paul G. Constantine, Ben L. Fryrear Assistant Professor - Applied Mathematics and Statistics, Mines	<i>Active Subspaces: Emerging Ideas for Dimension Reduction in Highly Parameterized Models</i>
Tuesday February 28 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. Kevin L. Moore, Dean - College of Engineering and Computational Sciences, Mines	<i>Comments on Research and a Technical Talk: Learning to Cooperate</i>
Tuesday March 14 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. David A. Lowther, EECS Professor, McGill University, Montreal, Quebec, Canada	<i>Robust Design and Optimization of Low Frequency Electromagnetic Devices</i>
Tuesday April 4 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. Ahmed Busnaina, William Lincoln Smith Professor and Director, NSF Nanoscale Science and Engineering Center for High-rate Nanomanufacturing, Northeastern University, Boston, MA	<i>Printing of Nano and Microscale Sensors and Electronics</i>
Tuesday April 18 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. Gongguo Tang, Assistant Professor - Electrical Engineering, Mines	<i>Mathematical Optimization and its Applications in Signal and Information Processing</i>
Tuesday May 2 <u>Meet the speaker:</u> 1:30-2:00 PM – BB 340 <u>Talk:</u> 2:00-3:00 PM Rm: GC- Metals Hall	 Dr. Jamal Rostami, Associate Professor and the Alacer Gold/ Hadden Endowed Chair - Mining Engineering, Mines	<i>Measurement of duty cycle of underground haulage units for sizing of the batteries</i>