

| Date | Speaker | Affiliation | Title |
|-------------------|------------------------------|--|---|
| January 14, 2015 | Albert E. Segall | Department of Engineering Science and Mechanics, PSU | ESM graduate matters |
| January 21, 2015 | Akhlesh Lakhtakia | Department of Engineering Science and Mechanics, PSU | Love, sex, and illegal aliens |
| January 28, 2015 | Clifford J. Lissenden | Department of Engineering Science and Mechanics, PSU | Ethics discussion: Design and conduct of experiments |
| February 4, 2015 | Issa Ramaji | Department of Architectural Engineering, PSU | Integrated standardization of BIM information exchanges |
| February 11, 2015 | Akhlesh Lakhtakia | Department of Engineering Science and Mechanics, PSU | Ethics discussion: Rambling among retractions |
| February 18, 2015 | Jeff Tza-Huei Wang | Departments of Mechanical Engineering & Biomedical Engineering, Johns Hopkins University | Discerning rare disease biomarkers by micro- and nanotechnologies |
| February 25, 2015 | John Asbury | Department of Chemistry, PSU | When molecules and materials clash: Pathways to high-efficiency solution- processed solar cells |
| March 4, 2015 | Francesco Costanzo | Department of Engineering Science and Mechanics, PSU | Numerical techniques for the study of flow and transport problems in brain |
| March 18, 2015 | Edward W. Reutzel | Applied Research Laboratory & Department of Engineering Science and Mechanics, PSU | Sensing and control for additive manufacturing of metal components |
| March 25, 2015 | Panagiotis Michaleris | Department of Mechanical and Nuclear Engineering, PSU | Thermo-mechanical modeling of additive manufacturing processes |

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|-------------------|-------------------------|---|--|
| April 1, 2015 | Mason Alan Peck | Department of Mechanical and Aerospace Engineering, Cornell University | Making space: Opportunities to transform space science and exploration with participatory science and in- situ resources |
| April 8, 2015 | Steven W. Graves | Department of Chemical and Biological Engineering, University of New Mexico | Acoustic and inertial flow cytometry: Pathways to point-of-care and high-speed parallel cellular diagnostics |
| April 15, 2015 | Mikhail Shuba | Department of Engineering Science and Mechanics, PSU | Electromagnetic and optical properties of carbon nanotubes |
| April 22, 2015 | Lois Pollack | Department of Applied and Engineering Physics, Cornell University | Pioneering new methods for exploring DNA or RNA binding partners |

