

Mechanical Engineering Graduate Seminar Series
University of Pittsburgh
Fall Term (05-1)
Time: 3:00 – 4:00 PM
Location: 1175 Benedum Hall /Kresge Hall

- Oct 1 **“Modeling and VOF-Simulation of Rising Bubbles with Mass Transfer”**
Dr. Dieter Bothe, Department of Chemistry and Chemical Engineering
University of Paderborn; Paderborn, Germany
- Oct 8 **“Space Nuclear Power”**
Dr. Lawrence Foulke, Bettis Labs
Westinghouse Electric Company
- Oct 22 **“Hybrid Power Systems”**
Dr. Eric Liese, National Energy Technology Laboratory
U.S. Department of Energy
- Oct 29 **“Multi-Scale Models of Reaction-Transport Processes” and Funding Opportunities at NSF”**
Dr. T.J. (Lakis) Mountziaris, Department of Chemical Engineering
The State University of New York (SUNY-Buffalo)
Particulate and Multiphase Processes Director, CTS Division,
National Science Foundation (NSF)
- Nov. 5 **“Multi-Zone Modeling of Pathogen Transport”**
Dr. William Bahnfleth, Department of Architectural Engineering
Penn State University
- Nov. 12 **“Mathematical Analysis and Numerical Simulations of Oldroyd-Type Fluids with Shear Dependent Viscosity in Curved Pipes”**
Dr. Adelia Sequeira, Associate Professor, Division of Applied Mathematics and
Numerical Analysis, Department of Mathematics
Instituto Superior Tecnico, Portugal
- Nov. 19 **“Discontinuous Galerkin Method in Analysis of Structures”**
Dr. Henryk K. Stolarski, Professor and Associate Head, Department of Civil Engineering
University of Minnesota
- Dec. 3 ~~**“Research Initiatives at NSF’s Division of Design, Manufacture and Industrial Innovation (DMII)”**~~
~~Dr. Warren DeVries, Division Director,~~
~~Division of Design, Manufacture and Industrial Innovation (DMII)~~
~~National Science Foundation (NSF) CANCELLED~~