



MIPSE

Michigan Institute for Plasma Science and Engineering Fall 2009 Seminar Series

<u>Date, Time, Location</u>	<u>Speaker</u>	<u>Title</u>
9 September 4:00 – 5:00 pm* 1005 EECS	Dr. Gregory Hebner Sandia Natl. Lab.	Energy Transport and Frequency Dependent Ion Kinetics in a Capacitively Coupled Plasma Reactor
16 September 4:00 – 5:00 pm* 1005 EECS	Dr. Jean-Luc Vay Lawrence Berkeley Natl. Lab	Novel Particle-In-Cell Simulation Methods in Heavy-Ion Fusion Science and Related Fields
18 September 12 noon – 1:00 pm 1114 ERB-1	Dr. Mark Sherlock Dr. Chris Ridgers Imperial College London <i>(Drs. Sherlock and Ridgers will both present "half-seminars".)</i>	Universal Scaling of the Electron Distribution Function in Relativistic Laser-Plasma Interactions (Dr. Sherlock) Insights into Long and Short-Pulse Laser-Plasma Experiments from Vlasov-Fokker-Planck Simulations (Dr. Ridgers) <i>(Joint Seminar with the Center for Ultrafast Optical Science)</i>
7 October 4:00 – 5:00 pm* 1005 EECS	Dr. Michael Barnes Intevac, Inc.	Plasma Science in Development of Industrial Etching and Deposition Tools: The Presence of Normal Modes Above a Capacitive Plasma Applicator
29 October 4:00 – 5:00 pm* 1005 EECS	Prof. Alex Fridman Drexel University	Plasma Medicine: Physical and Bio-Chemical Mechanisms of Non-Thermal Plasma Interaction with Living Tissue
19 November 3:30 - 4:30 pm** 2246 Space Research Bldg.	Prof. Mark Moldwin University of Michigan	Universal Magnetic Structures in Lab to Astrophysical Domains <i>(Joint Seminar with Atmospheric, Oceanic and Space Sciences)</i>
4 December 4:00 – 5:00 pm** White Auditorium Cooley Building	Prof. Cary Forest University of Wisconsin	Dynamo Experiments: From Liquid Metals to Plasmas <i>(Joint Seminar with Nuclear Engineering and Radiological Sciences)</i>

Refreshments: *After Seminar, **Before Seminar