

## Michigan Institute for Plasma Science and Engineering - Fall 2012 Seminars

<i><b>Date, Time, Location</b></i>	<i><b>Speaker (Affiliation)</b></i>	<i><b>Title, Abstract</b></i>
Tuesday <b>18 September 2012</b> 1:30 - 2:30 pm 1017 Dow, <b>U-M</b>	<b>Prof. David Graves</b> University of California, Berkeley	<b>Biomedical Applications of Ambient Gas Plasma: The Confluence of Redox Biology and Plasma Science</b> <i>Jointly sponsored by MIPSE and the Dept. of Chemical and Biomolecular Engineering</i>
Wednesday <b>19 September 2012</b> 4:00 - 5:00 pm 1311 EECS, <b>U-M</b>	<b>Prof. Chan Joshi</b> UCLA	<b>Shocks and Wakes in Plasmas</b>
Wednesday <b>3 October 2012</b> 3:15 - 4:15 pm 1345 Engineering Building, <b>MSU, East Lansing</b>	<b>Prof. Konrad Gelbke</b> Michigan State University	<b>From NSCL (National Superconducting Cyclotron Facility) to FRIB (Facility for Rare Isotope Beams) at MSU</b> <i>Special Seminar opening the 3<sup>rd</sup> MIPSE Graduate Student Symposium</i>
Wednesday <b>10 October 2012</b> 4:00 - 5:00 pm 1311 EECS, <b>U-M</b>	<b>Prof. Mounir Laroussi</b> Old Dominion University	<b>Plasma Medicine: Low Temperature Plasma as a Transformational Technology for the Healthcare Field</b>
Friday <b>12 October 2012</b> 4:00 - 5:00 pm White Auditorium (G906 Cooley), <b>U-M</b>	<b>Prof. John H. Booske</b> University of Wisconsin-Madison	<b>Back to the Future: 21st Century Instruction Innovations</b> <i>Jointly sponsored by MIPSE and the Dept. of Nuclear Engineering and Radiological Sciences</i>
Friday <b>26 October 2012</b> 12:00 - 1:00 pm 1121 LBME, <b>U-M</b>	<b>Dr. Chris Ridgers</b> University of Oxford, UK	<b>Exploring QED-Plasmas with High-Intensity Lasers</b> <i>Jointly sponsored by MIPSE and the Center for Ultrafast Optical Science (CUOS)</i>
Wednesday <b>7 November 2012</b> 4:00 - 5:00 pm 1311 EECS, <b>U-M</b>	<b>Prof. Howard Milchberg</b> University of Maryland	<b>The Extreme Nonlinear Optics of Air and Femto-second Optical Filamentation</b>
Monday <b>19 November 2012</b> 3:00 - 4:00 pm 1013 Dow, <b>U-M</b>	<b>Prof. James Van Dam</b> Department of Energy	<b>The Scientific Challenge of Burning Plasma</b>
Wednesday <b>5 December 2012</b> 4:00 - 5:00 pm 1311 EECS, <b>U-M</b>	<b>Dr. Yevgeny Raitses</b> Princeton Plasma Physics Laboratory	<b>Complex Phenomena in Magnetized Plasmas in the Presence of Electron Emission</b>