

UNM-AFRL/RD Mini-Symposium
21 February 2013
2:00-4:00 PM at COSMIAC
2350 Alamo Avenue SE, Suite 100, Albuquerque, NM 87106

Presenters and Titles

1. Olga Lavrova, Assistant Professor, Electrical and Computer Engineering, olavrova@ece.unm.edu - "Photovoltaic Projects of Power and Energy Group"
2. Paul Richard Schwoebel, Research Professor, Physics and Astronomy, kas@unm.edu - "A New Approach to High Current Pulsed-Plasma Ion and Electron Sources"
3. Stephen Boyd, Research Associate Professor, Physics and Astronomy, stpboyd@unm.edu - "High-Energy-Resolution Particle Detection"
4. Vasudevan A.V. Nampoothiri, Research Assistant Professor, Physics and Astronomy, avvn@unm.edu (Wolfgang Rudolph group) - "Hollow-Core Optical Fiber Gas Lasers (HOFGLAS) - an Hybrid Gas/Fiber Approach to Scalable Systems"
5. Luke Emmert, Research Assistant Professor, Physics and Astronomy, lemming@unm.edu (Wolfgang Rudolph group) - "High-Energy Laser Effects on Optical Materials from Femtosecond Pulse to CW Illumination"
6. Daniel Feezell, Assistant Professor, Electrical and Computer Engineering, dfeezell@unm.edu - "Electronic and Photonic Devices Based on Nonpolar III-Nitrides"
7. John Grey, Assistant Professor, Chemistry/Chemical and Nuclear Engineering, jkgrey@unm.edu - "Spectroscopy and Imaging of Conjugated Polymer Semiconductor Aggregates"
8. Yang Qin, Assistant Professor, Chemistry, yangqin@unm.edu - "Synthesis of Conjugated Polymers for OPV Applications"
9. Walter Gerstle, Professor, Civil Engineering, gerstle@unm.edu - "A Unified Approach for Computational Simulation of Aircraft Materials and Structures using Peridynamics"
10. Mark Gilmore, Associate Professor, Electrical and Computer Engineering, gilmore@ece.unm.edu - "Magnetized High-Density Plasmas: Diagnostics and Physics"
11. Christos Christodoulou, Professor, Electrical and Computer Engineering, christos@ece.unm.edu - "High Power Microwave Antennas"
12. Salvador Portillo, Research Associate Professor, Electrical and Computer Engineering, sportillo@ece.unm.edu - "High Power MILO Research"
13. Sarita Prasad, Research Assistant Professor, Electrical and Computer Engineering, sarita@ece.unm.edu (Schamiloglu Group) - "High Power Microwave Sources and Applications"
14. Edl Schamiloglu, Professor, Electrical and Computer Engineering, edl@ece.unm.edu - "Dispersion Engineering for High Power Microwave Amplifiers"