

2012 CS MANTECH WORKSHOP
“Compound Semiconductors for Green Energy”
Monday, April 23rd

- 8:50 AM **Welcome and Introductions**
- 9:00 AM Workshop Session 1
Moving Toward a Solar-Powered World - What Role Could Compound Semiconductors Play?
Dr. Sarah Kurtz, NREL
- 10:15 AM **BREAK**
- 10:30 AM Workshop Session 2
Recent Developments in Nanoscale Thermoelectric Materials and Device Technology
Dr. Rama Venkatasubramanian, RTI
- 12:00 PM **WORKSHOP LUNCH**
(CS MANTECH WORKSHOP & ROCS)
- 1:00 PM Workshop Session 3
The Energy Internet Concept and The Role of Wide Bandgap Power Semiconductor Devices
Professor Alex Huang, NCSU
- 2:00 PM Workshop Session 4
The Seed of a Revolution in Lighting: Light-Emitting Diodes
Professor E. Fred Schubert, RPI
- 3:15 PM **BREAK**
- 3:30 PM Workshop Session 5
Gallium Nitride Transistors for Efficient Power Conversion
Dr. Alexander Lidow, EPC Corporation
- 4:45 PM **END OF WORKSHOP PROGRAM**