BIG energy seminar series

Addressing the scale and complexity of the global energy challenge.

BRIDGING THE GAP BETWEEN MODULE AND CELL EFFICIENCIES

Condensed Matter Physics Seminar Series

Martha Symko-Davies, Solar Business Manager
Process Development and Integration Laboratory, National Renewable Energy Laboratory

Thursday, April 26, 2012
12:00 p.m., Physics Building (Gamow Tower), 11th Floor

Summary: The Process Development and Integration Laboratory (PDIL) has one-of-a-kind capabilities for fabricating and studying a wide range of innovative solar cell technologies. This unique collaborative facility enables industry and university colleagues to work closely with NREL scientists on integrated equipment to answer pressing questions related to photovoltaics (PV) development. Small-startups have worked with NREL's resources and have made significant strides with the ability to overcome R&D hurdles rapidly and will be detailed. Overall, goal of NREL's PDIL program is to foster transformative innovation in the domestic PV industry that will dramatically reduce solar system costs to meet the DOE SunShot Initiative goals. This will be described in the presentation.

Martha Symko-Davies, Ph.D.

Dr. Martha Symko-Davies is the Solar Business Manager-PDIL at the National Renewable Energy Laboratory (NREL) in Golden, which is a unique collaborative facility where industry and universities can work closely with NREL scientists on integrated equipment to answer pressing questions related to photovoltaics (PV) development towards manufacturing scale-up. Previous to this role she was the architect for the PV Technology Incubator resulting in over $1.4 billion in private investments. Recently she was selected by DOE as one of the top Innovators in the area of photovoltaic's. In addition to numerous publications/presentations in this area she has also recently received three R&D 100 Awards. She recently spoke at TEDXDU, 2011.

Campus Map for Gamow Tower (Physics): http://www.colorado.edu/campusmap/map.html?bldg=W-GT

Recommended Parking: Euclid Avenue AutoPark

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