

Nanomaterials for Optically-Based Solar Cell Technologies

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RIT

4pm, Wed., April 8, 2009

Auditorium of the Chester F. Carlson Center for Imaging Science

Speaker Biography:

Dr. Seth Hubbard is an Assistant Professor of Physics at the Rochester Institute of Technology. He also holds appointments as Extended Graduate Faculty in Microsystems Engineering and the Golisano Institute for Sustainability. Prior to joining RIT, he was an NRC Post-Doctoral Scholar at the NASA Glenn Research Center in Cleveland, OH. He is former member of the III-V Integrated Device and Circuit Group at the University of Michigan where he was a NASA Graduate Student Fellow. His work there involved Metal Organic Vapor Phase Epitaxy (MOVPE) growth and characterization of III-V heterostructures for application in electronic devices. He is currently working on the design, growth, fabrication and characterization of third generation terrestrial and space solar power devices. Prof. Hubbard received his B.S. in Physics from Drexel University, his M.S. in Electrical Engineering and Applied Physics from Case Western Reserve University, and his Ph.D. in Electrical Engineering from The University of Michigan.