

# 2012 Poster Session

07:30 – 08:50	Set up Posters
10:45 – 11:00	Coffee Break and Posters
12:15 – 13:30	Lunch Break, Vendor Exhibits and Graduate Student Poster Session
15:30 – 16:00	Coffee Break and Posters
17:00 – 17:30	Student Awards Presentations

## Poster Titles:

The Role of Photomicrography in Cultural Heritage Preservation: Pigment Identification of Central African Masks, *Geneva Griswold, UCLA*

Chip-scale Microscopy for Cell Imaging, *Guoan Zheng, CalTech*

Giga-Pixel Microscopy Using a Scanner, *Xiaoze Ou, CalTech*

Electrospun Micro- and Nano-fibrous Scaffolds for Human Embryonic Stem Cell Culture, *Bishoy Saad, UCR*

Understanding the Bridges That Hold Carbon Nanotube Macro-Structures Together, *Joe Severino, UCLA*

Effect of Substrate on the Quality of Graphene Layers Growing from a Molten Phase, *Shaahin Amini, UCR*

In situ Low-Energy Electron Microscopy Studies of the Kinetics of Monolayer Graphene Growth on Pd(111), *Hoi Sing Mok, UCLA*

Charged nanoparticle dynamics in water induced by scanning transmission electron microscopy, *Ed White, UCLA*

Diametral Compression of pultruded composite rods, *Nikhil Kumar Kar, USC*

New Ettringite Formation on the Surface of Fly Ash, *Jacob Stremfel, UCLA*

Thermal stability of UFG and nanotwinned copper films, *Yifu Zhao, USC*

Deformation and Microstructural Changes of Highly Nanotwinned Cu under Tension, *Timothy Furnish, USC*

Micro-scale deformation of an ultrafine-grained Al-Mg alloy using in-situ micro-tensile testing and digital image correlation, *Yuzheng Zhang, USC*

Using EBSD for orientation of single-crystal samples, *Daniel Helman, CSULB*

Mechanical Properties of Perfluoroalkyl End- or Pendent Functionalized Polystyrene by Nanoindentation Measurements, *H. Merve Yurdacan, USC*

Self-Catalyzed Growth and Characterization of Group III-V Nanostructures, *Chilan Ngo, UCLA*