

**Monday, Sept 23rd**

Poster Session I

4:30 – 6:30

1. **Ignazio Roppolo**, Istituto Italiano di Tecnologia  
Graphene Functionalization by Radical UV-Grafting for Novel UV-Curable Inks
2. **James Goetz**, University of Southern Mississippi  
UV-Cured Perfluorinated Side Chain Crystalline Stimuli-Responsive Networks: Free Volume Behavior and Transport of Light Gases
3. **Michael Cole**, University of Colorado  
Chemically Triorthogonal Optical Materials (CTOM) for Optical Applications
4. **Martha-Elizabeth Baylor**, Carleton College  
Formation and Modification of Polymer Lenses Using Liquid Interfacial Surface Forces
5. **Haiyan Peng**, University of Colorado  
Novel Free-standing Holographic Data Storage Films with Two-Stage Reactive Polymer Networks
6. **Darren Forman**, University of Colorado  
Radical diffusion limits to photoinhibited superresolution lithography
7. **Marcelo Augusto Goncalves Bardi**, Universidade de Sao Paulo  
Behavior of UV-Curable Coatings During Curing, Post-Curing and Accelerated Degradation on Different Plastic Substrates
8. **Eric Dailing**, University of Colorado  
Network Development and Modification From Water-Dispersible Nanogels
9. **JianCheng Liu**, University of Colorado  
Photo-Responsive Nanogel for Polymer Network Modification
10. **Steven Lewis**, University of Colorado-Denver  
Effects of high refractive index nanogel additives on composite-based dental materials
11. **Alessandra Vitale**, Politecnico di Torino  
Synthesis and Characterisation of Siloxane Photopolymers
12. **Parag Shah**, University of Colorado  
Effect of Surface Modification of Nanoparticles on Rheological and Optical Properties in Photopolymerizable Nanocomposites

13. **Shunsuke Chatani**, University of Colorado  
Reactivity and Selectivity of Vinyl Sulfones Towards the Thiol-Michael Addition Reaction and their Implementation in Two-Stage Reactive Polymer Systems
14. **Maciej Podgorski**, University of Colorado  
Two-Stage Reactive Polymers with Tethered and Untethered Methacrylate Networks
15. **Weixian Xi**, University of Colorado  
Photo-induced Catalysis of the Thiol-Michael Addition via a Caged Primary Amine
16. **Bernd Strehmel**, Hochschule Niederrhein  
Influence of the NIR-Sensitizer on Photoinitiator Reactivity in Coatings Comprising Multifunctional Acrylic Binders
17. **Gayla Berg**, University of Colorado  
Diels-Alder Networks and Acrylates: A Powerful Combination for Layer-by-Layer Stereolithography
18. **Callie Fiedler**, University of Colorado  
Left-right Multi-material Projection Stereolithography (LeMPS)
19. **Christian Gorsche**, Vienna University of Technology  
Efficient Synthesis of Two-Photon Initiators via One Step Aldol Condensation
20. **Paul Potzmann**, University of Technology – Vienna  
Micrometer-Scale Precise 3D Hydrogel Scaffolds Prepared by Two-Photon Polymerization
21. **Clinton Cook**, University of Iowa  
Controlling polymer surface chemistry and properties via photo-enforced stratification
22. **Jon Scholte**, University of Iowa  
Applications of Controlled Radical Polymerization in Molecular Architecture and Mechanical Properties of Photocurable Materials

**Tuesday, Sept 24th**

Poster Session II  
4:30 – 6:30

1. **Justine Roberts**, University of Colorado  
Thiol-Ene Versus Acrylate: How does Photopolymerization Mechanism Impact Encapsulated Cells for Tissue Engineering Applications?
2. **Simone Radl**, University of Leoben  
New Functional Polynorbornenes Bearing Anthracene Groups for Reversible Crosslinked Materials

3. **Kaja Kaastrup**, Massachusetts Institute of Technology  
The Impact of Dissociation Constant on the Detection Sensitivity of Polymerization-Based Signal Amplification Reactions
4. **Christian Gorsche**, Vienna University of Technology  
Investigating the Mechanism and Photoreactivity of Germanium Based Long Wavelength Photoinitiators for Dental Materials
5. **Tao Gong**, University of Colorado  
A novel Copper Containing Photoinitiator, Copper (II) Acylphosphinate, and its Application in both the Photomediated CUAAC Reaction and in Atom Transfer Radical Polymerization
6. **Matthew McBride**, University of Colorado  
Mechanical Properties of Photopolymerized, Copper Catalyzed Alkyne-Azide Cycloaddition
7. **Chen Wang**, University of Colorado  
Novel Polymer Network from Simultaneous Photo-Induced ATRP and Alkyne-Azide Cycloaddition
8. **Abeer Alzahrani**, University of Colorado  
Relationship Between Monomer Structures and their Reactivities in the Photo-CuAAC Reaction
9. **Sandra Medel**, Consejo Superior Investigaciones Científicas  
Fluorescent Probes for Monitoring Photoinduced Polymerizations
10. **Paul Potzmann**, University of Technology – Vienna  
Hyaluronan Vinyl Esters as Novel Precursors for Photocurable Hydrogels
11. **LaCrissia Bridges**, University of Southern Mississippi  
Photoinduced Surface Wettability of Thiol-Ene TiO<sub>2</sub> Containing Thin Films
12. **Emily Matthews**, University of Southern Mississippi  
Preparation and Characterization of Polyfunctional Thiol-Ene “Click Reaction” Polymer Microbeads
13. **Caroline Szczepanski**, Stress Reduction in Heterogeneous Networks via Polymerization Induced Phase Separation
14. **Chang Ryu**, Rensselaer Polytechnic Institute  
Sustainable Epoxy Materials from Photocationic Polymerization
15. **Brad Tuft**, University of Iowa  
Neural Pathfinding On Photopolymerized Micropatterns With Varied Mechanical Properties
16. **Brian Donovan**, University of Southern Mississippi  
"Sticky" Thiol-Ene Polymer Networks

17. **Bernd Strehmel**, Hochschule Niederrhein  
Iodonium Salts with Different Anions: Solubility in Coatings, Reactivity in NIR-Photopolymers and Cytotoxic Behavior in Mammalian Cells
18. **Ima Yaghoubi Rad**, University of Colorado  
Regiospecific control of polymer network degradation based on nanogel precursors
19. **Celine Baguenard**, University of Iowa  
Lyotropic Liquid Crystal-Templating of Reactive Block Copolymers Through Photopolymerization
20. **Sarbjit Kaur**, University of Utah  
Photo-crosslinkable adhesive complex coacervates for *in utero* repair of fetal defects