

## List of Posters

(as at August 26, 2016)

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| Akın Evingür, Gulsen    | Optical Properties of Polyacrylamide-Graphene Oxide Composites                                                                                           |
| Akın Evingür, Gülşen    | The Gelation of N-Isopropylacrylamide-Graphene Oxide Copolymers via Fluorescence Technique                                                               |
| Andrzejewska, Ewa       | Thermally conductive composites produced by photopolymerization                                                                                          |
| Andrzejewska, Ewa       | UV curable coatings modified by functionalized POSS                                                                                                      |
| Batibay, Gönül          | In-Situ Preparation of Nano TiO <sub>2</sub> /Polymer Nanocomposite Thin Films by Photopolymerization Method                                             |
| Çinko, Tuğçe            | Photochemically Prepared Silver/Polymer Nanocoatings by Novel Photoactive Thioxanthone-Disulfide Compound                                                |
| Çinko, Tuğçe            | Thioxanthone Derivatives as UV Absorbers                                                                                                                 |
| Czihal, Saskia          | Amino-functionalized mesoporous silica in acrylate-based composite films                                                                                 |
| Czihal, Saskia          | Photoinitiator-free VUV curing of acrylate-based films with mesoporous silica materials                                                                  |
| Daikos, Olesya          | Mechanism of the Self-Initiation of the Photopolymerization Reaction of Pentachlorinated Aromatic Acrylates                                              |
| Daikos, Olesya          | In-line Monitoring of the Conversion after Photopolymerization of Thick Pigmented Layers                                                                 |
| Dorfinger, Peter        | Toughening of photopolymers for lithography-based 3D-printing                                                                                            |
| Eibel, Anna             | Novel Reaction Pathways of P-based Photoinitiators                                                                                                       |
| Elsner, Christian       | Radiation-induced polymerization techniques for the generation and modification of microsystem components                                                |
| Evcı, Sena              | Synthesis of Acetic Acid Derivative of Thioxanthone Dioxide                                                                                              |
| Fast, David E.          | End Group Analysis of Photopolymers Initiated by Water-Soluble Bisacylphosphine Oxides                                                                   |
| Freyer, Annette         | Laser-engrivable UV curable coatings as an alternative print form surface for rotogravure printing                                                       |
| Garcia-Soto, Mariano    | Photothermally-induced polymerization on gold nanoparticles                                                                                              |
| Glaß, Sarah             | Preparation of Polyethylenglycol diacrylate Hydrogels for Photodynamic Therapy                                                                           |
| Gonzato, Carlo          | Synthesis of Molecularly Imprinted Polymers by Photoinduced Electron Transfer-Reversible Addition-Fragmentation Chain Transfer (PET-RAFT) Polymerization |
| Griebel, Jan            | Light Induced Wettability Changes in Polyacrylate Coatings                                                                                               |
| Halbhuber, Annett       | New Photoinitiator Systems Based on Iodonium Salts with Reactive Anions                                                                                  |
| Harakály, György Attila | Formation of tough photopolymer networks using addition fragmentation chain transfer:<br>A viable concept for lithography based 3D printing              |
| He, Yong                | Design and properties of fluoro-containing photopolymerizable polyacrylic prepolymers                                                                    |

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| Hendriks, Benjamin    | Development and application of thioether-containing self-crosslinking resins                                                                 |
| Heymann, Katja        | Mechanistic Investigations on the Initiation of Photopolymerization Reactions by Tetrahalogenated (Meth)Acrylates                            |
| Heymann, Katja        | Monitoring of the Coating Thickness of Transparent UV-Curable Coatings by NIR Chemical Imaging                                               |
| Hofecker, Andreas     | New Approaches for the Synthesis of low toxic Vinyl ester-based Monomers                                                                     |
| Jiang, Xuesong        | Self-organized bio-inspired pattern on photo-curing coating                                                                                  |
| Kaiser, Simone        | Photoreversible Crosslinking of Elastomeric Materials Comprising Spatially Resolved Switchable Characteristics                               |
| Kamińska-Borek, Iwona | Fluorescent molecular probes as a valuable tool in monitoring of photopolymerization kinetic and visualization of polymer network formation. |
| Kara, Selim           | A Comprehensive QCM Study on Chitosan-Carrageenan Thin Biofilms with PNIPAM Microgels                                                        |
| Kury, Markus          | Addition-Fragmentation Chain Transfer Reagents in Photopolymerization of Acrylates                                                           |
| Lauer, Andrea         | A Systematic Assessment of the Photochemical Stability of Photoinitiator Derived Macromolecular Chain Termini                                |
| Leterrier, Yves       | UV-Curable Hybrid Coatings as Transparent Moisture Barriers for Flexible Organic Electronic Devices                                          |
| Liske, Olga           | Post-modification of wheat straw soda lignin for light-induced radical polymerization process                                                |
| Lu, Yanju             | Synthesis of Allyl Acrylate-modified Rosinate under Microwave Energy and its UV-curing Characteristics                                       |
| Marasinghe, Liza      | Influence of monomer functionality on structure and mechanical properties of UV cured coatings                                               |
| Mirschel, Gabriele    | Determination of the Conversion in Thin Photopolymerized Acrylate Layers by Near-Infrared Reflection Spectroscopy                            |
| Mitterbauer, Moritz   | Visible light photoinitiators based on silicon for the curing of dental formulations                                                         |
| Morone, Marika        | High molecular weight acylphosphinates                                                                                                       |
| Moszner, Norbert      | Systematic Investigation of Substituent Effects on the Photophysical Properties of Substituted Benzoylgermanes                               |
| Naumov, Sergej        | Molecular Modelling of Photochemical Conversion of Titanium(IV) ethoxide $Ti(OEt)_4$ as Organometallic Precursors for Titania                |
| Offenloch, Janin      | Photochemical Access to Self-Immolative Fluorescent Single-Chain Nanoparticles Based on Metathesis Polymers                                  |
| Oprych, Dennis        | Reactivity of Iodonium Salts in NIR-Photoinitiating Systems Comprising Anions with Different Coordination Behavior                           |

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| Orman, Sandra           | Additive Manufactured Vinyl Ester based Photopolymers with Improved Impact Resistance                                                         |
| Ortyl, Joanna           | Efficient dual radical/cationic photoinitiator systems under UV and Visible light                                                             |
| Öz, Damla               | Thioxanthone Moiety Attached Polyhedral Oligosilsesquioxanes                                                                                  |
| Özçelik, Elif           | Acetic Acid Derivative of Thioxanthone - Dioxide                                                                                              |
| Radl, Simone            | A Novel UV Tunable and Patternable Polyaniline Derivative as a Charge Injection Layer in OLEDs                                                |
| Razza, Nicolo'          | When Janus Meets Helios: Janus (Sub)-Micrometric Particles Made by UV-Light                                                                   |
| Sahin, Melahat          | Advanced Materials via Thiol-Ene Click Reactions                                                                                              |
| Schläpfer, Michael      | Photoreactivity of Hexaarylbiimidazoles and their Comparison with Industrial Photoinitiators                                                  |
| Schnöll, Christoph      | Debonding on Demand (DoD) via thermally induced gas formation using blocked isocyanates                                                       |
| Steinberg, Ilya         | Holographic photopolymer material using forbidden singlet-triplet electronic transitions                                                      |
| Steindl, Johannes       | Silane-Ene-Chemistry: An approach towards regulated photopolymer networks                                                                     |
| Strehmel, Bernd         | Photonic Baking of Photopolymerized Coatings with NIR Lasers                                                                                  |
| Strehmel, Veronika      | Photoinitiated Polymerization of (Meth)acrylated Methyl Oleates                                                                               |
| Sun, Fang               | Photoinitiability of a water-borne polysiloxane-modified benzophenone photoinitiator                                                          |
| Tauscher, Sven          | Ivocerin®: A highly efficient photoinitiator for the polymerization of vinylcyclopropanes                                                     |
| Tromayer, Maximilian    | Biocompatible Two-Photon Initiator with Hyaluronan Backbone                                                                                   |
| Tromayer, Maximilian    | Novel Two-Photon Initiators Based on Cleavable Diazosulfones                                                                                  |
| Tugla, Asli             | Studies of the Binding Mode of Acetic Acid Derivative of Thioxanthone – Thioacetic Acid-Dioxide with calf thymus DNA by Spectroscopic Methods |
| Uhlig, Hans             | Functionalization of Porous Glass Monoliths via Gas Phase Adsorption                                                                          |
| Vališ, Jan              | Inhibition of premature polymerization of cationically curable systems with triethanolamine                                                   |
| With, Patrick Christian | Photochemical-derived inorganic TiOx thin films                                                                                               |
| Zerobin, Elise          | High Resolved Biocompatible Hydrogel Constructs based on Hyaluronic Acid                                                                      |