



Preliminary CoSI 2022 Program/Schedule (subject to changes)

Monday 27th

12:45-13:15	Welcome Coffee/Tea
13:15-13:30	Opening
13:30-14:00	New photo initiating systems for high performance materials. Jacques Lalevée - Université de Haute Alsace, Mulhouse, FR
14:00-14:30	Identification and mechanistic evaluation of a potent catalyst system for epoxy-carboxylic acid crosslinking. Tizian-Frank Ramspoth - University of Groningen, Groningen, NL
14:30-15:00	Tactile friction and perception of UV-curable coatings and its relation to physical surface parameters. Michael Griesser - Polymer Competence Center Leoben, Leoben, AT
15:00-15:30	Break Coffee/Tea
15:30-16:00	Correlation chemical transformation and structural changes during layer-by-layer photopolymerization. Stephan Roth - KTH, Sweden (SW), DESY, Hamburg (D)
16:00-16:30	Film formation in soft polyurethane and polyacrylate@polyurethane hybrid coatings. Gabor Ersek - University of Groningen, Groningen, NL
16:30-17:00	Evaluation of the performance of photocatalytic coatings using nitrite photo-oxidation in aqueous media as model reaction: comparison of TiO ₂ nanoparticles and TiO ₂ hollow microspheres. Amado Velázquez-Palenzuela - Technical University of Denmark, Lyngby, DK
18:00	Dinner-Seated-Alexander Hotel

Tuesday 28th

09:00-09:30	Surfactant-free synthesis of polymer latexes stabilized by cerium dioxide nanoparticles through Pickering emulsion polymerization: towards waterborne coatings with enhanced properties. Elodie Bourgeat-Lami – CPE Lyon-CP2M, Villeurbanne, FR
09:30-10:00	Structural analysis of morphological changes during the drying of aqueous polyurethane coatings. Ellen Quane - University of Sheffield, Sheffield, UK
10:00-10:30	Sustainable synthesis of thermoset resins from various lignin sources. Iuliana Ribca - KTH, Sweden, SW
10:30-11:00	Break Coffee/Tea
11:00-11:30	Wood as a renewable feedstock for coating resins Eva Malmström Jonsson - KTH, Sweden, SW
11:30-12:00	Waterborne barrier coating for water and oil on paperboard. Sterre Bakker - Eindhoven University of Technology, Eindhoven, NL
12:00-12:30	Controlling the architecture of waterborne colloidal films: Relevance to antimicrobial and abrasion resistant coatings. Ignacio Martin-Fabianni - Loughborough University, Leicestershire, UK
12:30-13:30	Lunch- Alexander Hotel
13:30-14:00	Meet-the-Speakers I – Requires advanced booking*
14:00-14:30	Meet-the-Speakers II – Requires advanced booking*
14:30-15:30	Social Activity – Activity at the beach or at Noordwijk- Requires advanced registration**
15:30-16:00	Break Coffee/Tea
16:00-16:30	Quantifying the interfacial structure of colloid-polymer mixtures and coatings. Mark Vis - Eindhoven University of Technology, Eindhoven, NL
16:30-17:00	Interaction of colloids inks with nanoporous cellulose. Constantin Harder - DESY, Hamburg, D
17:00-17:30	Transient simulations of the particle size distribution during dispersion of inorganic pigments. Shicong Luo - Technical University of Denmark, Lyngby, D
18:00	Dinner-Bufferet-Alexander Hotel

Wednesday 29th

09:00-09:30	Phase-separation in Michael addition-curable coatings to enhance flexibility and adhesion robustness. Bart Noordover - Allnex, Bergen op Zoom, NL
09:30-10:00	Phytic acid oligomers as green and novel hardeners for classic binder systems. Patrick Böhm - Niederrhein University of Applied Sciences, Krefeld, D
10:00-10:30	Design of oil-repellent textile finishes without perfluorocarbons. Sadaf Shabanyan - University of British Columbia, Kelowna, CA
10:30-11:00	Break Coffee/Tea
11:00-11:30	Hierarchical structured surfaces: Applications in superhydrophobic antiviral coatings. Matt Unthank - Northumbria University, Newcastle upon Tyne, UK
11:30-12:00	Encapsulated Silicone Additives: Preparation and application. Sebastian Weiß - Byk Chemie GmbH, Wesel, D
12:00-12:30	Hydrophobic phytic acid conversion layers corrosion protection of steel surfaces. Michelle Weinert, Niederrhein University of Applied Science, Krefeld, D
12:30-14:00	Lunch- Alexander Hotel
14:00-15:30	Poster pitches Alessio Truncali , KTH Royal Institute of Technology, SW Qing Chen , Deutsches Elektronen-Synchrotron DESY, D Siyu Li , Eindhoven University of Technology, NL Miisa Tavaststjerna , Delft University of technology, NL Bianka Sieredzinska , University of Groeningen, NL Shujie Lin , Technical University of Denmark, DK -- Short Break Tommaso Frison , Eindhoven University of Technology & Nemho, NL Marie Betker , KTH Royal Institute of Technology, SW Jingjing Zhao , Delft University of technology, NL Jinyan Tang , Eindhoven University of Technology, NL & Fudan University, CN Luuk Mone , Eindhoven University of Technology, NL -- Short Break – move to Poster Hall for discussions
14:00-15:30	Poster discussions – next to the boards at the poster Hall
15:30-16:00	Break Coffee/Tea
16:00-16:30	Degradation of polymeric surfaces exposed to UV-C radiation. Ingo Alig - Fraunhofer LBF, Darmstat, D
16:30-17:00	Photo-oxidation of isopropanol by photocatalytic coatings containing TiO ₂ -based hollow microspheres prepared with template-assisted spray-drying. Sara Golborg - Technical University of Denmark, Lyngby, DK
17:00-17:30	Site-specific weathering cycles for plastics and coatings. Harald Oehler - Fraunhofer LBF, Darmstat, D
18:00	Dinner- BBQ- Beach Club Alexander Hotel

Thursday 30th

09:00-09:30	Polymeric aziridines: Converting a mature chemistry into a 21 st century breakthrough for waterborne crosslinking. Patrick Stahl - Covestro, Waalwijk, NL
09:30-10:00	Nanocellulose-reinforced coatings. Rosella Telaretti Leggieri, KTH, Stockholm, SW
10:00-10:30	Aerogel-coated biocide crystals for low-loading and high-utilization antifouling coatings. Tenna Frydenberg - Technical University of Denmark, Lyngby, DK
10:30-11:00	Break Coffee/Tea
11:00-11:30	Influence of CO ₂ at HPHT conditions on the properties and failures of an amine-cured epoxy Novolac coating. Narayanan Rajagopalan - Technical University of Denmark, Lyngby, DK



- Coatings Science International Conference

11:30-12:00	Effect of doping technique on the structure and thermoelectric properties of P3HT-based thin films. Benedict Sochor - DESY, Hamburg, D
12:00-12:30	Closure & Awards
12:30-14:00	Lunch- Alexander Hotel

***Meet-the-Speakers discussions:** You will be able to pre-book a discussion with a Speaker (upon availability stated by the Speaker). This can be organized in small groups or one-to-one, depending on the Speaker availability and preference. The Conference office/CoSI Red-Team will manage the booking of Speakers. More information will follow.

****Social activity: Information will follow later/at the website.** Example: team building activities at the beach, walking/cycling tour at the town and dunes; beach buggy-race; power-kite fly lesson; or a visit to small museum/art gallery, etc