

Final Program/Schedule - CoSI 2022

Monday 27th

12:45-13:15	Welcome Coffee/Tea
13:15-13:30	Opening - Chair: Catarina Esteves
	Chair: Keimpe van den Berg
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. Thomas Ules - Polymer Competence Center Leoben, Leoben, AT
15:00-15:30	Break Coffee/Tea
	Chair: Mats Johansson
15:30-16:00	Effect of doping technique on the structure and thermoelectric properties of P3HT-based thin films. Benedict Sochor - DESY, Hamburg, D
16:00-16:30	Nanocellulose-reinforced coatings. Rosella Telaretti Leggieri, KTH, Stockholm, SW
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
18:00-21:30	Dinner-Seated-Alexander Hotel

Tuesday 28th

	Chair: Christian Schaumberg
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
	Chair: Rolf van Benthem
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 *
14:00-14:30	Meet-the-Speakers II *
14:30-15:30	Social Activity at the beach or at Noordwijk**
15:30-16:00	Break Coffee/Tea
	Chair: Catarina Esteves
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, DK
18:00	Dinner-Bufferet-Alexander Hotel

Wednesday 29th

	Chair: Mats Johansson
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 Shabanian - University of British Columbia, Kelowna, CA
10:30-11:00	Break Coffee/Tea
	Chair: Bart Noordover
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
12:30-13:30	Lunch- Alexander Hotel
	Chair: Catarina Esteves
13:30-15:00	Poster pitches P1 - Alessio Truncali , KTH, Stockholm, SW P2- Qing Chen , DESY, Hamburg, D & Univ. Sci. Tech. China, Hefei, CN P3- Siyu Li , TU/e, Eindhoven, NL P4- Bianka Sieredzinska , University of Groningen, Groningen, NL P5- Shujie Lin , DTU, Lyngby, DK -- ~5 min break P6- Tommaso Frison , TU/e, Eindhoven & Nemho, Wert, NL P7- Spardha Jhamb , DTU, Lyngby, DK P8- Jinyan Tan , TU/e, Eindhoven, NL & Fudan University, Shanghai, CN P9- Marie Betker , DESY, Hamburg, D & KTH, Stockholm, SW P10- Jingjing Zhao , TUDelft, Delft, NL -- ~5 min break P11- Miisa Tavaststjerna , TUDelft, Delft, NL P12- Zimei Chen , DESY, Hamburg, D P13- Luuk Mone , Eindhoven, TU/e, Eindhoven, NL P14- Zahra Rajabimashhadi , IUST, Tehran, IR -- ~10 min break/move to the discussion Hall.
15:00-15:50	Poster discussions – next to the boards at the poster Hall
15:50-16:00	Break Coffee/Tea
	Chair: Chaterine Dekerckheer
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 Golberg - 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 -21:30	Dinner- BBQ- Beach Club Alexander Hotel

Thursday 30th

	Chair: Qi Chen
09:00-09:30	Polymeric aziridines: Converting a mature chemistry into a 21 st century breakthrough for waterborne crosslinking. Patrick Stals - Covestro, Waalwijk, NL
09:30-10:00	Film formation in soft polyurethane and polyacrylate@polyurethane hybrid coatings. Gabor Ersek - University of Groningen, Groningen, NL
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
	Chair: Keimpe van den Berg
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
11:30-12:00	Correlation chemical transformation and structural changes during layer-by-layer photopolymerization. Stephan Roth - KTH, Sweden (SW), DESY, Hamburg (D)
12:00-12:30	Closure & Awards – Chair: Catarina Esteves & Mats Johansson
12:30-14:00	Lunch- Alexander Hotel

Meet the speakers*:

Pre-booked discussions with a Speaker (upon availability stated in advance by the Speaker). This will be organized in small groups or one-to-one, depending on the Speaker availability and preference. The CoSI Red-Team will manage the booking of the Speakers. Information on the Speakers availability and how to book a session will be provided in the first day of the conference.

Social activity:**

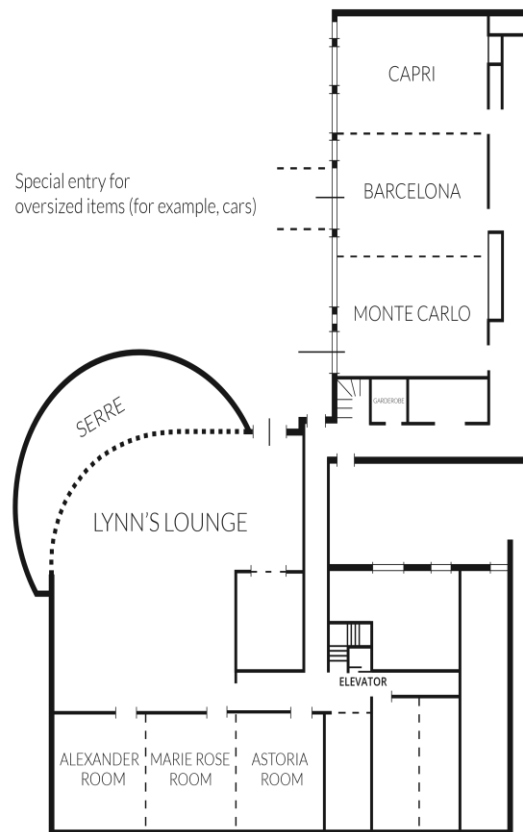
Only for pre-registered participants (by sending an email to the Conference office). Team building activities at the beach nearby the Alexander Hotel (walking distance). Information on the meeting point will be provided in the first day of the conference.

CoSI locations: Alexander Hotel Map

During the conference we will use the following facilities:

- **Welcome & Registration:** Lounge Bar at DYLLANS / Lynn's Lounge
- **Conference lectures:** Montecarlo/Barcelona/Capri
- **Poster pitches:** Montecarlo/Barcelona/Capri
- **Poster discussion sessions:** Lynn's Lounge
- **Coffee breaks:** Lynn's Lounge
- **Lunch** from Tuesday-Thursday and Dinner on Tuesday: DYLLANS restaurant
- **BBQ dinner** on Wednesday: Alexander Beach Club* (see map next page).

MAP



BBQ dinner on Wednesday: Alexander Beach Club* (see map next page).

