



Final Program/Schedule - CoSI 2023

Monday 26th

12:45-13:15	Welcome Coffee/Tea
13:15-13:30	Opening - Chair: Catarina Esteves
	Chair: Keimpe van den Berg
13:30-14:00	From biobased monomers to hydroxyurethane modifiers: Alkyd coatings with improved chemical or fire resistance Sylvain Caillol, University of Montpellier, Montpellier, FR
14:00-14:30	Study of UV-curable flame retardant wood coatings containing a phosphorus acrylate monomer Solène Pellerin, Université Laval, Québec, CA
14:30-15:00	On electron beam-cured acrylic networks: formation process & other chemical phenomena Tommaso Frison - Eindhoven University of Technology, Eindhoven, NL
15:00-15:30	Break - Coffee/Tea
	Chair: Qi Chen
15:30-16:00	Correlating cross-linking and physical nanostructural changes during photopolymerization of bilayers Stephan Roth - KTH, Sweden (SW), DESY, Hamburg (D)
16:00-16:30	Film formation of soft, surfactant-free polyurethane suspensions under different environmental conditions Gabor Érsek - University of Groningen, Groningen, NL
16:30-17:00	Morphology development during the polymerization of acrylic in a polyurethane dispersion by in situ SAXS Ellen Quane - University of Sheffield, Sheffield, UK
18:30-21:30	Dinner-Seated-Alexander Hotel

Tuesday 27th

	Chair: Catarina Esteves
08:45-09:15	Furan-based diols and their (meth)acrylate and epoxy derivatives for coatings Dean Webster, North Dakota State University, Fargo, USA
09:15-09:45	Photocured furan-based organic coatings Lorenzo Pezzana, Politecnico di Torino, Torino, IT
09:45-10:15	Furfural-derived butenolides: versatile monomers to replace acrylates in paints and coatings Andries Jensma, University of Groningen, Groningen, NL
10:15-10:45	Break - Coffee/Tea
	Chair: Mats Johansson
10:45-11:15	Outdoor weathering studies of biobased organic coil coating Golrokh Heydari, SSAB Europe, Kista, SW
11:15-11:45	The effects of environmental conditions of the long-term weathering performance of coatings Mark Nichols, Ford Motor Company, Dearborn, USA
11:45-12:15	Nanoscale effects of weathering in coil coatings Alexander Wörnheim, RISE Research Institutes of Sweden (Kista), KTH (Stockholm), SW
12:15-13:15	Lunch- Alexander Hotel
13:45-14:45	Meet-the-Speakers*
14:45-15:00	Break - Coffee/Tea
	Chair: Catarina Esteves
15:00-15:30	Technical routes towards sustainable coatings for the decorative market Tijs Namuur, Covestro, Waalwijk, NL
15:30-16:00	The location of adsorbed water in pigmented epoxy-amine coatings Suzanne Morsch, University of Manchester, Manchester, UK
16:00-16:30	Redispersible powder coatings: challenges and advantages Okan Aggez, Technical University of Denmark, Lyngby, DK
16:45-18:15	Social Activity at the beach or at Noordwijk**
18:45-21:30	Dinner-Bufferet-Alexander Hotel

Wednesday 28th

	Chair: Bart Noordover
08:45-09:15	New cellulose chemistry from a sustainability perspective: renewability is not enough Michael Meier, Karlsruhe Institute of Technology, Karlsruhe, D
09:15-09:45	Use N-substituted-2-Pyrrolidone-4-Carboxylic Acids as Bio-based Monomers for Alkyd Syntheses: Route to 100% Bio-based Alkyd Emulsions Leon van der Boon, Akzo Nobel, Sassenheim, NL
09:45-10:15	Bio-based coating components from lignin and their application Harald Silau, Technical University of Denmark, Lyngby, DK
10:15-10:45	Break - Coffee/Tea
	Chair: Christian Schaumberg
10:45-11:15	Polymers reduce the evaporation rate of binary mixtures Max Huisman, University of Edinburgh, Edinburgh, UK
11:15-11:45	Structure-property relationships in lignin-based thermosets Iuliana Ribca, KTH, Stockholm, SW
11:45-12:15	Rheology modifiers: The key to self-stratified coatings? Ignacio Martin-Fabianni, Loughborough University, Loughborough, UK
12:15-13:15	Lunch - Alexander Hotel
	Chair: Catarina Esteves
13:30 -14:00	Poster pitches P1- Luuk Mone , TU/e, Eindhoven, NL P3- Thomas Höfer , University of Innsbruck, Innsbruck, AT P5- Ingeborg Shreur , TU/e, Eindhoven, NL P6- HoYeon Moon , Korea University, Seoul, KR P7- Lea Senneka , University of Innsbruck, Innsbruck, AT P9- Zhiwei Wu , DTU, Lyngby, DK P11- Shuxian Xiong , DESY, Hamburg, D P13- Dominik Hense , University of Innsbruck, Innsbruck, AT P15- Ryno van Niekerk , TU/e, Eindhoven, NL P17- Florian Weber , Sintef, Oslo, NO
14:00-14:45	Poster discussions – next to the boards at the poster Hall
14:45-15:15	Poster pitches P2- Junyoung Park , Korea University, Seoul, KR P4- Ziyou Li , DTU, Lyngby, DK P8- Marie Betker , DESY, Hamburg, D & KTH, Stockholm, SW P10- Franziska Obermeier , University of Innsbruck, Innsbruck, AT P12- Benedikt Sochor , DESY, Hamburg, D P14- Rui Li , University of Groningen, Groningen, NL P16- Roman Jędrzejewski , PORT, Wroclaw, PL P18- Nektaria Servi , SMS – Surface Measurement Systems, London, UK
15:15-16:00	Poster discussions – next to the boards at the poster Hall
15:45-16:00	Break - Coffee/Tea (next to Poster discussions - Hall)
	Chair: Catherine Dekerckheer
16:00-16:30	Thermoplastic hybrid-glass-fibers via inline polymerization Oliver Strube, University of Innsbruck, Innsbruck, AT
16:30-17:00	Fluorine-free self-cleaning and anti-icing approaches for photovoltaic systems Diana Alves, INL – International Iberian Nanotechnology Laboratory, Braga, PT
17:00-17:30	Temperature-induced morphology changes at the organic-metal interface: effects on the structure, electronic and thermoelectric performance Benedikt Sochor, DESY, Hamburg, D
18:30-21:30	Dinner- BBQ- Beach Club Alexander Hotel

**Thursday 29th**

	Chair: Mats Johansson
08:45-09:15	Barrier properties of organic coatings: molecular mobility analysis by electrochemical impedance spectroscopy. Nadine Pébère, CERIMAT – Université de Toulouse, Toulouse, FR
09:15-09:45	Effects of technical Kraft lignin particles on the performance of anticorrosive epoxy-based coatings Tejasvi Laxminarayan, Technical University of Denmark, Lyngby, DK
09:45-10:15	Epoxidized technical Kraft lignin as a resin component for high performance anticorrosive coatings Alessio Truncali, KTH, Stockholm, SW
10:15-10:45	Break Coffee/Tea
	Chair: Keimpe van den Berg
10:45-11:15	Operation Night Watch reveals the chemical reactivity between pigment and binder in Rembrandts' masterpiece The Night Watch Katherine Keune, Rijksmuseum, Amsterdam, NL
11:15-11:45	An easy-to-handle adhesion promoter for polyolefins as promising alternative to physical surface treatments Giulia Morgese, Zürich University of Applied Sciences, Winterthur, CH
11:45-12:15	Slot-die coating of hybrid cellulose colloid inks Constantin Harder - DESY, Hamburg, D
12:15-12:45	Closure & Awards – Chair: Catarina Esteves & Mats Johansson
12:45-14:00	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:**

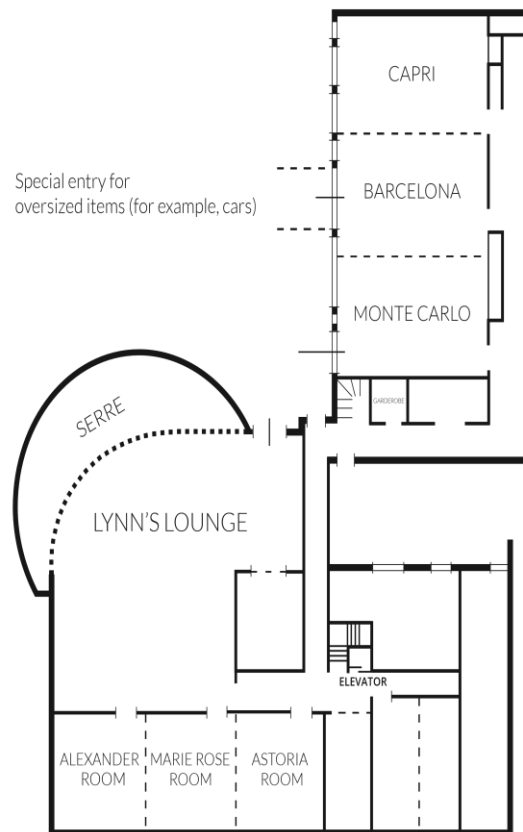
Only for pre-registered participants (by sending an email to the Conference office). Team building activity, at the beach or nearby the Alexander Hotel (short walking distance). Information on the meeting point will be provided in the first day of the conference.

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).

