

Date/Time	Section	Title of the lecture	Section	Title of the lecture	Section	Title of the lecture
30/06/2026 TUESDAY						
09:15 – 09:30		Opening ceremony		Hilt M. (FATIPEC, President), Navratil T. (Czech Chemical Society, Chair), Capek L. (Rector of University of Pardubice)		
09:30 – 10:15		Plenary presentation		Pioneering coating solutions: Advanced raw materials and value chain collaboration to tackle industry trends, Reuter E., Evonik Operations GmbH		
10:15 – 11:00 Coffee Break + Poster presentations						
11:00 – 12:30	Session 1	Coatings for wood	Session 2	Sustainability for future paint development, Biobased coatings and raw materials	Session 3	AI and Digitalisation
30/06/2026 • TUESDAY	11:00	From material design to coating performance: pumpable bio-based thixotropic alkyd resin for wood protection , Vareckova D., SPOLCHEMIE	11:00	Bio-MPA, a novel unique building block for an unusual combination of properties , Veurink A., Relement BV	11:00	When AI meets reality: data, models and limitations in coatings machine learning , Schmitz Ch., Niederrhein University Institute for Coatings and Surface Chemistry
	11:30	Protecting exterior wood with high-performance coating systems , Podgorski L., Technological Institute FCBA	11:30	Development and new application of multifunctional poly(phosphorylcholine) films , Münch A. S., Leibniz-Institut für Polymerforschung Dresden e.V.	11:30	Advancing coatings formulation through AI and data-driven approaches , Schmitter J., IMCD Germany GmbH
	12:00	Fire resistant water-based coating , Tanase-Opedal M., RISE PFI	12:00	Novel polyurethane dispersions meet oxygen barrier coatings , Tielemans M., Allnex	12:00	Faster to the optimal formulation: artificial intelligence in coating development , Thomas S., LabV Intelligent Solutions GmbH
12:30 - 13:30 Lunch						

Date/Time	Section	Title of the lecture	Section	Title of the lecture	Section	Title of the lecture
13:30 – 15:30	Session 4	Sustainability for future paint development, Biobased coatings and raw materials	Session 5	Pigments, Fillers and Additives	Session 6	Safety, Legislation and Regulation
30/06/2026 • TUESDAY	13:30	100% Bio-based 1,3-propanediol enables bio-based resins to combine functionality with bio-renewability and carbon footprint reduction, Van Waes P., Primient Covation LLC	13:30	Study of the effect of new organic pigments with Mg/Zn content on corrosion - inhibition efficiency of epoxy ester coatings, Hrdina R., Faculty of Chemical Technology, University of Pardubice	13:30	Bridging coatings science and field practice: the critical role of paint inspection, Mahvidi S., Paint inspector
	14:00	From biocircular raw materials to pure hydrocarbons: applications in coatings, adhesives and sealants, Bauer T., TotalEnergies Fluids SAS	14:00	Electrically and magnetically activated pigments, Munteanu A., Centre of Polymer Systems, Tomas Bata University in Zlín	14:00	Synthesis of latexes from vegetable oil-derived monomers through emulsion polymerisation and their coating applications, Amponsah A., University of Pardubice
	14:30	Synthesis of sustainable unsaturated polyester resins from bio-based thiophene-2,5-dicarboxylic acid, Vsetecka J., University of Pardubice	14:30	Push-pull dyes for light activatable curing of dark colored alkyd paints, Tolboom J., University of Amsterdam (Van 't Hoff Institute for Molecular Sciences)	14:30	A universal TiO ₂ grade for evolving regulatory requirements, Dhillon S., Chemours International Operations Sàrl
	15:00	Synthesis and characterization of bio-inspired waterborne hydroxylated acrylic resin with applications to two-component polyurethane coatings, Orтели M., Lechler S.p.A. - Insubria University	15:00	PORASPHERES® – The world's first hollow glass spheres for high-performance technical coatings, Hörlin L., Poraver	15:00	Novel nanocomposite surface additives for PFAS replacement, Czarnecki R., Micro Powders Inc.

15:30 – 16:00

Coffee Break + Poster presentations

16:00 – 18:00	Session 7	Modelling, Measuring and Testing	Session 8	Pigments, Fillers and Additives	Session 9	Coatings for Corrosion Protection
30/06/2026 • TUESDAY	16:00	Alkyd hardness development: a story of unsaturated fatty acid conversion, Bootsma J., University of Amsterdam	16:00	Vegetable oils as Bio-based option in hydroxyethyl cellulose-based formulated rheology systems for coatings, Slootweg J.A., Ashland	16:00	Effect of surface preparation on paint durability in crude oil, Prosek T., University of Chemistry and Technology
	16:30	Polarity-related interaction effects in waterborne film formation, Reis J.S., Niederrhein University of Applied Sciences	16:30	Always on the bright side, Ismael R., ARALON COLOR GmbH	16:30	Barrier coatings for the reduction of hydrogen permeation in tank and transport systems, Deissenberger A., Fraunhofer IFAM
	17:00	Delcor – A LEAN, green method to analyze corrosion test panels, Stalmach U., ORONTEC GmbH & Co. KG / Smart Paint Factory Alliance e.V.	17:00	Mechanochemical functionalization of biochar for the production of new hydrophobic coatings, Carratù M., University of Salerno	17:00	Coating systems on AZ91 magnesium alloy based on plasma electrolytic oxidation and powder coating, Florczak Ł., Faculty of Chemistry, Rzeszow University of Technology
	17:30	New concept of corrosion protection in the presence of water: hydrojetting application, Genovez M.C., VCI Brazil/University of Pardubice	17:30	Strong, clean, durable: the new pure-acrylic binder for facade coatings, Sühling D., Synthomer Deutschland GmbH	17:30	Zinc silicate primers as an alternative to zinc thermal sprayed coatings, Denk K., Pragochema Ltd.

18:00 – 20:00

Networking reception + Poster presentations

Date/Time	Section	Title of the lecture	Section	Title of the lecture	Section	Title of the lecture
-----------	---------	----------------------	---------	----------------------	---------	----------------------

01/07/2026 WEDNESDAY

09:00 – 09:45 Plenary presentation **Characterization of molecular structure of paint binders using light scattering and related techniques, Podzimek S., SYNPO Pardubice/University of Pardubice**

09:45 – 09:50 Sponsor talk **MDPI**

10:00 – 11:30	Session 10	Coatings for wood	Session 11	Processing, Application Techniques and Advances in Paint Production	Session 12	Modelling, Measuring and Testing
01/07/2026 • WEDNESDAY	10:00	Sustainable electronics - printed electronics on wood , Forsthuber B., Holzforschung Austria	10:00	Mastering surface morphology: designing ultra-low gloss coatings with enhanced durability , Reuter E., Evonik Operations GmbH	10:00	Automated corrosivity classification of outdoor atmospheres for coating system selection , Reiser M., University of Chemistry and Technology in Prague
	10:30	Wood thermal-electrical coupling in flexible bio-derived printed circuit materials , Dabosmita P., Mendel University in Brno	10:30	Polyallophanate powder coatings with modified lignins as resin component , Gedan-Smolka M., Leibniz-Institut für Polymerforschung Dresden e.V.	10:30	Electrochemical impedance-based coating quality measurement for lifetime prediction of protective coatings , Coolegem G., C-Cube International
	10:00	Bio renewable reactive diluents for high performance resins and coatings , Löff D., PrimientCovation LLC	10:00	Vitrimer-based self-stratifying multilayer coatings for electrochemical applications , Kerrache A., Université Catholique de Louvain & Université de Lille	10:00	Revealing heterogeneities in waterborne coatings as a function of particle size using operando reflective microscopy , Nair L.S., TU Delft, Faculty of Aerospace Engineering

11:30 – 12:30 Lunch

12:30 – 14:30	Session 13	Sustainability for future paint development, Biobased coatings and raw materials	Session 14	Coatings for Corrosion Protection	Session 15	Processing, Application Techniques and Advances in Paint Production
01/07/2026 • WEDNESDAY	12:30	From by-product to resource: sustainable coating systems from tree bark for the transport sector , Madi V., Holzforschung Austria	12:30	Rational design of ZnGa-sebacate/graphene nanoribbon synergy for effective anticorrosive polyurethane coatings , Praveena U.M., University of Trento	12:30	90% time and energy savings in paint production by highintensity dispersion technology under vacuum , Jacob H.-J., Ystral gmbh
	13:00	Next-generation catalysts: transitioning to safer drying agents , Rodríguez A.L., Dura Europe	13:00	Novel spherical calcium silicate anti-corrosion pigments for protective coatings , Soeffing Ch., Evonik	13:00	How to REALLY make use of AI in the value chain “coatings” , Stalmach U., ORONTEC GmbH & Co. KG / Smart Paint Factory Alliance e.V.
	13:30	Polyester- and acrylic- based resins for sustainable coatings: an industrial perspective , Ocepek M., Helios Resins & Atcoat	13:30	Advancing aerospace coating systems: synergizing Cr(VI) substitution with process optimization , Campazzi E., Airbus Helicopters	13:30	Eliminating tinting steps: the role of AI in modern paint production , Stalmach U., ORONTEC GmbH & Co. KG / Smart Paint Factory Alliance e.V.
	14:00	Acrylated cardanol as a bio-based building block for UV-curable coatings , Zorko D., Helios Resins & Atcoat	14:00	Recycled low-carbon circular zinc powders for sustainable zinc-rich coatings and thermal spray repair of galvanized steel , Ludvik J., COREZINC	14:00	Conductive nanocarbon-based composite coatings for electrothermal ice protection , Sarkari N.M., KU Leuven

14:30 – 15:00 Coffee Break + Poster presentations

Date/Time	Section	Title of the lecture	Section	Title of the lecture	Section	Title of the lecture
15:00 – 17:00	Session 16	Sustainability for future paint development, Biobased coatings and raw materials	Session 17	Coatings for Corrosion Protection	Session 18	Coatings for Construction and Architectural
01/07/2026 • WEDNESDAY	15:00	Research into bio-based components in coatings, Bauder Ch., Fraunhofer IPA	15:00	Nature-inspired hydrophobic self-healing PDMS coatings via dynamic metal–ligand coordination, Roshan S., École de technologie supérieure - ÉTS Montréal	15:00	Bio-based 1,3 propanediol as an universal building block for polyester resins, Perrot A., Synpo a.s.
	15:30	Bio-based pressure-sensitive adhesives and sealants from lignin, Bhadane R., Åbo Akademi University	15:30	Mechanistic insights into graphene-modified corrosion protective coatings, van der Koelen J.W., TMC GmbH	15:30	Novel waterborne acrylic binder for 1K fast dry and improved early rain resistance in external thermal insulation composite systems (ETICS), Turgut H., Dow Deutschland Anlagengesellschaft
	16:00	Operational properties of PLA based biopolymer coatings, Karavayev T., State University of Trade and Economics			16:00	Latexes based on vegetable oil-derived monomers and their facade coating applications, Machotova J., University of Pardubice, Faculty of Chemical Technology
	16:30	Unsaturated polyester resins from poly(ethylene-2,5-furanoate), Foltyn T., University of Pardubice				

19:00 – 22:00
19:00 – 22:00

Optional: Sightseeing Tour
Optional: Gala Dinner

02/07/2026 THURSDAY

09:00 – 09:45

Plenary presentation

Detection of production relevant deviations in paint sprays,
Tiedje O., Fraunhofer Institute for Manufacturing Engineering and Automation IPA

10:00 – 11:30	Session 19	Modelling, Measuring and Testing	Session 20	Coatings for Corrosion Protection	Session 21	Coatings for Construction and Architectural
02/07/2026 • THURSDAY	10:00	Unleashing the power of azides – from surface modifiers to adhesion promoters, Winkler M., Institute of Materials and Process Engineering, School of Engineering, Zurich University of Applied Sciences	10:00	Synthesis of MOFs and their dispersion into electrospun PVA fibers for anti-corrosion system, Sirt S.K., University of Genoa	10:00	Novel polymer additive for zero VOC architectural paints with improved open time, Johansson M., Nouryon Functional Chemicals
	10:30	Towards the curing of sustainable polyester resins, Honzicek J., University of Pardubice	10:30	Silicone technologies for enabling UV-cure coil coating systems, Chernyshov D., Momentive Performance Materials GmbH	10:30	Biobased acrylic polymer binder: performance, durability, for concrete primer technology, Turgut H., Dow Deutschland Anlagengesellschaft
	11:00	Theoretical modelling of an energy-efficient process for the production of advanced speciality inks, Wilewska J., Faculty of Chemical and Process Engineering Warsaw University of Technology	11:00	Next-Gen insulation: silicone binders for heat and corrosion resistance, Duley J., Dow Europe GmbH	11:00	Optimising TiO ₂ and hence the opacity of high PVC architectural paints using composite pigments and opaque polymer focussing on cost and carbon footprint, White J., FP-Pigments

11:30 – 12:30 Lunch

Date/Time	Section	Title of the lecture	Section	Title of the lecture	Section	Title of the lecture
12:30 – 14:00	Session 22	Coatings for Construction and Architectural	Session 23	AI and Digitalisation for Coatings	Session 24	Processing, Application Techniques and Advances in Paint Production
02/07/2026 • THURSDAY	12:30	Field-applied high-durable coatings using Kynar® Aquatec® PVDF emulsion technology, Habrant H., ARKEMA, France	12:30	Photonic drying of coatings in the winding wire industry as a possible replacement for oven techniques, Cirak S., ASTA Energy Solutions AG	12:30	Repair coating of wet and powder coatings – surface derusting using laser technology, Buchbach S., Fraunhofer IFAM
	13:00	From potential to performance: confirming the mineral advantage in UV-resistant coatings, Esteva H., Imerys	13:00	Unlocking structure-property relationships in UV coatings: a graph neural network approach for interpretable performance prediction, Zhang G., Niederrhein University of Applied Sciences, Institute for Coatings and Surface Chemistry	13:00	PLA-based barrier varnishes for flexible artificial leather, Köhler L., FILK Freiberg Institute gGmbH
	13:30	Advanced resin modifier for enhancing durability of industrial waterborne & solventborne coatings, Gadman M., King Industries, Inc.	13:30	How AI use in coatings and adhesives is moving outside R&D to technical services and beyond, Keller S., Citrine Informatics	13:30	Optimizing coating materials and processes for controlled release coated urea (CRCU) fertilizer in fluidized beds: review of bio-based coating materials and encapsulation methods, Uzoh C.F., Institute of Solid Process Engineering and Particle Technology
14:00 – 14:15 Coffee Break						
14:15 – 14:45 Plenary presentation Final Plenary Lecture: Flapper J., Akzo Nobel						
14:45 – 15:15 Awards and Closing ceremony						