

PROGRAM of ETCC2022 European Technical Coatings Congress

ORAL PRESENTATIONS

12 July 2022

TIME	ETCC2022 Opening Ceremony.					
08.45-09.00	ETCC2022 Opening Ceremony.					
09.00-09.45	PLENARY SESSION 1 A. van Linden Netherlands Creating Value through Innovation and Collaboration					
09.45-10.30	PLENARY SESSION 2 M.Soucek USA Advances in Self-Stratified Coatings					
10.30-11.00	Coffee Break					
	SESSION 1	SESSION 2	SESSION 3	SESSION 4	SESSION 5	SESSION 6
11.00-12.30	11.1.A K.Czarnicki USA Aluminum oxide nanocomposite size powders for improved scratch resistance	2.1.C G.Delmas France Surface-controlled waterborne binders for improved HLB & HSE. Thickness efficiency to achieve optimum paints rheological profile	3.1.J M.Heuer Germany Improved Anti-Fouling Performance in Aquatic. Dodecyl based coatings through incorporation of modified fumed silica	4.1.E A.Schoenlein Germany Laboratory Weathering with H2O2 Spraying Dispersions	5.1.A W.Pallus Germany UV Crosslinking System for Polyurethane Dispersions	6.1.E G.Nelke Germany Learning from swarms: mini sensors for measuring the layer thickness in an industrial environment
	1.2.A S.Mazman Netherlands Selective modification of unprotected carbohydrates for crosslinking in waterborne coatings	2.2.C M.Shi USA Synthesis of Biomass Derived Monomers for Coating and Polymer Applications	3.2.I P.Najmi Iran Using mixture experimental design to study the effect of epoxidized emulsion oil acrylate oligomer on UV cured epoxy acrylate resins	4.2.E S.Jurczyk Poland Prediction of protective properties of coatings based on glass transition temperature value	5.2.A D.Ehrhardt Belgium Self-healing UV - curable polymer network layers for photovoltaic applications	6.2.E D.Wojda Poland Colour durability of PUR topcoats - how to choose suitable colour?
	1.3.A S.Rossi Italy Introduction of silver particles in cathodic coatings for smart surfaces	2.3.C I.Wilhelms Germany Quick curing mechanisms for architectural all-season coatings	3.3.I I.Schoenecht Germany The impact of weather conditions on binders in paints	4.3.E M.Esterhold Germany Scratch/Mar, Surface Structure and Rheology Measurements	5.3.A A.N.Karamahmut Mermer Turkey Development of Ultra low VOC Interior Paint with Formaldehyde Removal Properties	6.3.E E.Reuter Germany High Throughput support for optimization of high quality pigment preparations
12.30-13.30	Lunch Break					
	SESSION 7	SESSION 8	SESSION 9	SESSION 10	SESSION 11	SESSION 12
13.30-15.30	7.1.A T.Lys Switzerland New generation of Functional Minerals: Improvement of architectural paints properties by morphology - controlled calcium carbonates	8.1.C D.Ressig Switzerland Arylic Emulsion Binder Extending the Aesthetics & Durability of Façade Coatings	9.1.I G.Kyvas Greece Titanium-modified polymeric material for wastewater treatment	10.1.F I.Duru Turkey Corrosion and wear behaviour of Ni-Bi/Al2O3 composite coating by electrodeposition on stainless steel substrate.	11.1.A G.Durand United Kingdom Fluorine free superhydrophobic coatings and surface treatments addressing the durability challenge	12.1.H O.Vedje Germany Paint properties for onerous free painting technologies based on drop on demand principles
	7.2.A E.Langer Poland Mechanisms of protection by coatings with a reduced content of zinc pigments	8.2.C L.Heinrich Germany Sustainable binder material for offset printing inks based on lignin: Synthesis, properties, application	9.2.J B.Yorac Spain Self-pie coatings with release of lincolid and seawater as a combined therapy of prosthesis joint infections caused by staphylococci	10.2.F B.Liu China Preparation and application of fluorescent probe enhanced by quantum dots for early corrosion detection at carbon steel-coating interface	11.2.A M.Kazemi Iran Evaluation of pigment volume concentration through different methods resulted from ED	12.2.H N.Salazar Spain Color Cast Spray (CCS) as a Novel Technology to Apply Thermoplastic Coatings
	7.3.A N.Karagarfar Germany Eco-friendly self-stratifying powder coating materials with corrosion resistance and weather protection property	8.3.C R.Wolrab Slovenia Sustainable, Bio-based Polyester Resins for Coatings	9.3.I M.Hallack Germany VOC-Reduction - More Freedom for Coatings Formulators	10.3.F S.Pöbstl Germany Ionic Liquids and Nanomaterials Dispersions - Innovative Additives for Coatings and Paints	11.3.A M.Gedau-Smolka Germany Multi-functional organic coatings: Fundamentals and application oriented research at the IPF	12.1.H U.Gumshelmer Germany Colourful solar modules: Interference layer for low power loss
15.00-15.30	Coffee Break					
	SESSION 13	SESSION 14	SESSION 15	SESSION 16	SESSION 17	SESSION 18
15.30-17.00	13.1.A Y.Nagal France A novel method for coating characterization at high temperature	14.1.D C.Ujah Nigeria Kinetics of Mathematical Modelling of Alkyd Resin Polycondensation Reactor	15.1.E M.Pedersen Denmark Objective and Unbiased Fouling Resistance Rating using Image Analysis	16.1.A W.Brenner Germany Coatings, Materials and Polymers	17.1.C R.Severac France Rediscovering the unique versatility of alkanolamines to optimize next-generation paint formulations	18.1.A N.Farshchi Germany Self-healing through Diels-Alder Reaction in urethane based powder coating
	13.2.A A.Rabajczyk Poland Modern building materials for the removal of air pollutants	14.2.D K.Wojtas Poland Computational fluid dynamics of particle break up in a new type of industrial batch homogenizers	15.2.E R.Nothhelfer-Richter Germany Comparative Investigations of UV curing coatings using LED- versus Hg-lamps	16.2.A A.Krolkowska Poland Carboxen in morphology design can affect organic coatings performance	17.2.C G.Kutalya Germany New Strategies for Coatings 2020: Controlled Polymer Synthesis based in NIR Technologies	18.2.A R.Krosza Poland Population balance equation model of flocculation process carried out in high-shear stirrers
	13.3.A B.Mizning China Innovative Coating Products with Graphene	14.3.D C.Schmitz Germany Teaching and Research at the Niederrhein University	15.3.E A.Francis USA Modern Weathering Testing of Paints and Coatings: Fluorescent UV A, Xenon Arc	16.3.A E.Jallian Belgium Effect of photo-initiator on physical and water vapor transport properties of polyethylene glycol diacrylate (PEGDA) based UV-cured acrylates	17.3.C M.Dahmen Germany Laser-based processing of polymeric protection coatings for lightweight applications	18.3.A S.Well Germany Modeling of wetting & dispersing additives
	13 July 2022					
09.00-09.45	PLENARY SESSION 3 R.Mertsch Germany New solutions for Coatings: Taking you on a journey from current developments to future trends and beyond					
09.45-10.30	PLENARY SESSION 4 T.Zielinski Poland Trends and challenges - new business model of chemical industry in Europe					
10.30-11.00	Coffee Break					
Time	SESSION 19	SESSION 20	SESSION 21	SESSION 22	SESSION 23	SESSION 24
11.00-12.30	19.1.A B.Sprengel Germany Physical and Chemical Drying of Diverse Coatings Comprising Green Photo-stabilizers and Alternative Absorbers covering the UV, Blue and NIR Range with new LED Technologies	20.1.C J.Alierman Netherlands Keynote Speaker 16 Years of paint and resin innovation: from inertness to innovation	21.1.B D.Kenny Switzerland Eco-friendly In-can Protection of Paints in a Sustainable Environment	22.1.A N.Khalilpouran Denmark Barrier properties of an epoxy novolac resin system under conditions of high pressure and high temperature: Influence of inorganic fillers and its morphology	23.1.E U.Skalmach Germany Will the Smart Paint Factory Eliminate the Need for Lab Personnel Within the Next 5 Years?	24.1.A A.Franzcn Poland Synthesis of new organosilicon derivatives for coating applications
	19.2.A P.Hammer Brazil Barrier properties of high-performance PMMA-silica coatings on AA7073 and Al2024 alloy	20.2.C C.Davidson Belgium Keynote Speaker Paint is green. The EU initiatives that the paint industry is facing	21.2.D H.Jacob Germany Vacuum In-line Dispersion saves Titanium Dioxide and Inducts dust free	22.2.A E.Berlin France Water-based calcium aluminate cement suspension for fast drying in water-based coatings	23.2.E T.Wieczkowski Poland Coatings: Appearance Measurements - new developments and trends	24.2.C D.Chernyshov Germany New silicone additives for high-performance anti-graffiti polyurethane applications
	19.3.A R.Rahai Hashjin Iran Outstanding Durability in Superhydrophobic Coating Achieved by Self-Gel Process	20.3.C H.Jacob Germany Vacuum In-line Dispersion saves Titanium Dioxide and Inducts dust free	21.3.D M.Vitale Italy EPE BioPaint and EPE-Wi BioPaint: Demonstration of innovative sustainable processes for resin and paint production	22.3.A V.Garcia Spain Coatings and pigments with omniphobic properties for aerodynamic surfaces	23.3.E H.Bil Denmark Coating degradation and test creep assessment- A comparison between a destructive method according to ISO 12944 and selected non-destructive methods	24.2.B T.Klotzbach Germany Deep matrix effect - Novel precipitated silicas achieve enhanced performance

12:30-13:30 Lunch Break					
SESSION 25		SESSION 26		SESSION 27	
25.1.B W.Klosterman Netherlands New waterborne acrylic technology for sustainable basecoat formulations	26.1.C V.Jirehmel Germany Mixing of Polymeric Binders Derived from Traditional and Ionic Poly(meth)acrylates	27.1.A B.Erich Netherlands Kapsle Speaker Solar control coatings for heat harvesting of building facades	28.1.A N.Tahghani Iran The synergic effect of SPP and sodium molybdate in an organic coating on corrosion resistance of galvanized steel	29.1.C M.Denis France Hybrid acrylic: the glowing route to reach cutting-edge properties	30.1.F S.Buchbach Germany A Holistic Concept For Coating Monitoring and Maintenance on Offshore Wind Power Construction
25.2.B N.Guy France Design of an acrylic photoresist for lithography process	26.2.C M.Zielicka Poland Recent achievements in silicone-based flame resistant coating materials	27.2.A D.Golotta Germany ACT strategy - the PINDER way to reduced emission and improved odor	28.2.A J.Schoerder Netherlands New waterborne binders with IREA R2 performance in clear, satin and pigmented coatings	29.2.C O.Peters Germany Optimization of wet and dry hide in Architectural paints	30.2.F F.Dogan Turkey Investigation of structural and corrosion properties of pulse electrodepositied Ni-Bi/SWNT composite coating.
25.3.B M.Hallack Germany Achieving the next level of durability without reformulation: New hardener for ambient curing high heat resistant coatings	26.3.C V.Fritzelemer Switzerland Reducing CO2 emissions with 100% Bio-based and fully regenerated raw materials	27.3.A H.Yahyaee Iran The effect of castor oil on properties of carbon methyl cellulose based cellu coating	28.3.A A.Rybick Poland Functional coatings for sand printed moulds for coating of electrical insulation in energy distribution systems	29.3.C S.Kirsch Germany Interaction and diffusion phenomena in 2K water-borne polyurethane systems for industrial coatings	30.3.F C.Lanzerstorfer Austria Effect of coatings with respect to powder wall friction

15:00-15:30 Coffee Break					
SESSION 31		SESSION 32		SESSION 33	
31.1.B A.Sandari Iran Emission polymerization process: Effect of particle nucleation mechanism on properties of Acrylic-Styrene emulsion	32.1.C M.Cornelius Germany Speed up your production: Easy-to-disperse silica reduce the manufacturing time dramatically	33.1.A A.Trebin Brazil Brazil: A self-healing effect of cerium ions in PMMA-silica coating on AA7075: A comparative study of Ce(III) and Ce(IV)	34.1.A S.Van Loon Netherlands S.Van Loon Netherlands Digitalization of formulation developments via predictive sciences	35.1.I Huzaila Matrawala USA Paint Recycle: Repeat paints... Maximum Sustainability	36.1.D K.Rudwancki Poland BIOBEE Project- Advanced Coated Steels for Biomass Firing
31.2.B M.Groenewoud Netherlands New Catalyst for Redox-cured Temperature Cure Powder Coatings	32.2.C C.Tiemeyer Germany New Approaches for Achieving Improved Sustainability of Architectural Coating Binders	33.2.A B.Naden United Kingdom Enhancing sustainability in the manufacture and disposal of paints and coatings	34.2.A M.Gedan-Smolka Germany Novel polyetherimide (PEI) purification coatings with chemical bonded PTFE as lubricant	35.2.I A.Doboszynski Poland Toxicity of selected the protective coatings for wood	36.2.H M.Cudazzo Germany Increase of powder coating quality and material efficiency by the use of a new smart control process
31.3.B M.Hoer Germany More Durability of Coatings by Enhance Scratch and Abrasion Resistance	32.3.C B.Plech-Pizem Poland New bio-based polyurethane powder coatings for painting low temperature resistance substrates	33.3.A J.Schoerder Netherlands New waterborne binders with IREA R2 performance in clear, satin and pigmented coatings	34.3.A A.Kozubek Poland New approach of hybrid layer on titanium dental implants	35.3.I Z.Bajrak Poland Designing hybrid nanocomposites based on molybdenum disulfide and carbon nanotubes for enhanced photo-electrocatalytic properties	36.3.B B.Czachor-Jadacka Poland UV curable bio-based powder coatings

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Time	SESSION 37	SESSION 38	SESSION 39	SESSION 40	SESSION 41	SESSION 42
09:00-10:30	37.1.C C.Wobster USA Coating binder systems from high functionality bio-based seed oil derived resins	38.1.B F.Kerbsbach Germany Zero matter effect - Novel precipitated silicas achieve enhanced performance	39.1.A P.Sirelescu Belgium Zero fatty acids for faster drying alkyd resins	40.1.A M.Calovi Italy Catalytic deposition of organic coatings with functionalized graphene oxide flakes	41.1.A O.Schrube Germany Beyond Sustainability - Biomimetic Coating Innovations	42.1.F M.Bilskyi Ukraine Adhesive polymer composite for thermal protection systems of steel combustion chambers in solid rocket motors
	37.1.C P.Van Wazer Netherlands Reduced carbon footprint without compromise on quality with Tall Oil Fatty Acid for alkyd resins	38.2.B H.Yahyaee Iran Photocytic study of Titanium Dioxide Pigment in UV-cured Coatings: Anatas Polymorph against Public Polymorph	39.1.A J.Zieglerova Czech Republic A New Biore: Acrylic to Manage Formulation Costs While Maintaining High Performance	40.1.A Y.Schuchmann Germany Modeling of Polymer and Solvent Parameters For The Prediction of Coating Surface Phenomena	41.2.A M.Cudazzo Germany Thermally conductive powder coatings	
	37.1.C J.Vyprycka Switzerland Acrylic Emulsion Binder Extending the Resinetics & Durability of Facade Coatings	38.3.B M.Smiljak Poland Ionic Liquids Curing Agents as an Ideal Tool in Developments of composite and biocomposite materials technologies	39.3.A C.Uzoah Nigeria Synthesis of Rubber Seed Oil Waterborne Alkyd Resins from Glutol	40.2.A E.Hola Poland Novel versatile bimolecular photoinitiating systems for coating industry and 3D printing application	41.3.A G.Jaukny Germany New Tools to Tune the Wettability of Multi-layer Coatings!	
10:30-11:00	Coffee Break					
11:00-12:30	43.1.C O.Peters Germany Toughen your Architectural Formulations with innovative particles - Novel Synthetic Silica: Engineers for Improved Durability and Burnish Resistance	44.1.B F.Kohler Germany Faster - Better - Cheaper: Recipe and Process Optimization	45.1.A M.Martinez Spain Biophilic coating with antimicrobial properties for aerodynamic surfaces	46.1.A A.White Finland New Approaches in Maximizing the Optical Efficiency of Titanium Dioxide in Heat Water Based Coating Systems	47.1.A S.Beuck Germany Stable functional polyols-oxides and prepolymer and their coating applications - A novel approach	
	43.2.C M.Topa Poland Production of polymer coatings by photopolymerization using novel, effective photoinitiators and simultaneously colorimetric sensors to control the quality of the process	44.2.B Y.Karavayev Ukraine Mineral and Organic Fillers for Water-Dispersive Paints	45.2.A Y.Lewchenko Ukraine Diethanolamine Borate Modifiers for Water-Dispersion Polymeric Materials	46.2.A C.Bauser Germany Photocatalytic active coatings for air purification	47.2.A K.Szuber Poland Anti-corrosive properties of organofunctional siloxane coatings	
	43.3.C M.Farooq Netherlands ZEPFL-GKD: A water-borne 2-component bio-based dispersion polymer for highly chemical resistant and long-lasting coatings	44.3.B J.Lich Poland Anticorrosive coating materials based on nanoparticles	45.3.A W.Tomala Poland From the synthesis of new biogenic photoinitiators to the formation of highly cross-linked polymer products for 3D printing and coating industry	46.2.A J.Yrzakowska Poland Aqueous silicone-acrylic/styrene and acrylic/styrene-silicone dispersions with hybrid particle structure for coating applications	47.3.A E.Matuzkova Czech Republic The effect of cobalt-free promoters on curing of unsaturated polyester resins at ambient temperature	
12:30-13:30	Lunch Break					
13:30-14:15	PLENARY SESSION 5 T.May Germany What is the Appropriate Response of the Coatings Industry with Regard to the Ongoing Process of Reclassification of Compounds ?					
14:15-15:00	ETCC2022 Awards & Closing Ceremony.					

ETCC2022 EXHIBITION SESSIONS ON 12-14 July 2022 within the congress time.

POSTERS PRESENTATION SESSION on 12-14 July 2022

Nr	
1	<b>J.Bootsma - Netherlands</b> On the development of new Fe-based driers for allyl curing
2	<b>JM.Kim - Korea, South</b> Study on the effect of modifying the coating system to improve the properties of PCM made of high corrosion resistance coated steel sheets
3	<b>M. Nowicka-Nowak - Poland</b> Self-grafting properties depending on the value of the free surface energy of coatings
4	<b>L.Wagner - Germany</b> High Throughput meets Machine Learning - "Digital Coatings" for sustainable products and applications
5	<b>Y.Yung Chi - Taiwan</b> The Study of Novel Hybrid Stabilizers against Instant Yellowing during Curing, Weathering, and Heat Resistance for Waterborne UV-curable Coatings
6	<b>A.Kalendová - Czech Republic</b> Formulation of paints containing environmentally friendly pigments modified by conductive polymer salts for anticorrosion protection of metallic substrates
7	<b>G.Gil Alvarado - Norway</b> Versatile dispersing agents for waterborne coatings
8	<b>M.Ebrahimi - Iran</b> Effect of epoxidized soybean oil acrylate oligomer composition on UV curable epoxy acrylate formulations: experimental design approach
9	<b>F.Poplata - Germany</b> New Type II Photoinitiator System for Free Radical Polymerization for Coatings
10	<b>A.White - Finland</b> Minimizing TiO2 usage in Coatings systems by accurately measuring Wet Hide : Optimization whilst maintaining Wet Hide Performance
11	<b>A.Siripinets - Ukraine</b> Vibration absorbing epoxyurethane products and coverings of building appointment
12	<b>L.Appelhoff - Germany</b> Itd
13	<b>H. den Biester - Netherlands</b> In situ Raman spectroscopy and headspace analysis to identify the decomposition pathway of alkyl hydroperoxides
14	<b>C.Cantini - Chile</b> Novel wood preservative compounds based on metallic copper nanotechnology, CCA replacement alternative and new coatings for surface protection.
15	<b>S.Walkiewicz - Poland</b> Self-strengthening coatings based on Schiff base epoxy resins.
16	<b>Diego Santos - United Kingdom</b> Optimizing coil coating performance using additives from bio-based feedstock
17	<b>Y.Guo - United Kingdom</b> The study of graphene/graphene-based conductive ink formulations
18	<b>D.Steinerová - Czech Republic</b> Effect of pigments and fillers on properties of new acrylate dispersion containing nanoparticles MgO
19	<b>M.Qasbi - Germany</b> Detection of bacterial contamination of process liquids in painting processes and avoidance by means of environmentally friendly, biocide-free techniques
20	<b>J.Ortyl - Poland</b> Development of New High-Performance Photoinitiating Systems and Their Applications in Polymer Coating Industry
21	<b>J.Schulte - Chile</b> Antimicrobial protection for surfaces by aqueous low-cost metallic copper nanoparticles.
22	<b>M.Nowicka-Nowak - Poland</b> Dirt pick-up resistance for waterborne coatings on wooden and mineral surfaces
23	<b>P.Vlasak - Czech Republic</b> Polyethylene – catalysts for synthesis
24	<b>R.Kroos - Poland</b> Breaking up titanium dioxide particles in ball mill – experimental and CFD analysis
25	<b>W.Jank - Poland</b> Effect of lignin on thermal properties of chitosan and starch-based coatings processed with PVA
26	<b>J.Karaszewicz - Poland</b> Polysiloxanes as precursors of anti-fog materials
27	<b>B.Sieradzka - Netherlands</b> Photo-crosslinking polymers by dynamic covalent disulfide bonds
28	<b>R.Driesen - Germany</b> NIR-Absorber for Photonic Drying of Coatings with High-Power NIR LEDs between 800-950 nm
29	<b>Z.Kanjhar - Iran</b> The effect of n-Hexyl glycol and pigment to binder ratio on deposition behavior and edge coverage of water borne epoxy urethane electrocoatings
30	<b>O.Yilmaz - Turkey</b> Synthesis of Formaldehyde Free and Water Resistant Poly Vinyl Acetate Homopolymers
31	<b>M.Ebrahimi - Iran</b> Preparation, Characterization and Microencapsulation of Coconut oil/ Graphene Composite as PCM for Thermal Energy Storage
32	<b>B.Makurat-Kaprowska - Poland</b> The applications and properties of micro-arc oxidized coatings
33	<b>J.Machotová - Czech Republic</b> Self-crosslinking acrylic latexes with embedded inorganic nanoparticles. Comparison of nanosized ZnO and MgO as ionic crosslinking agents
34	<b>M.Green - Netherlands</b> Using IR spectroscopy and EPR spectroscopy to study a method for used rubber recycling.
35	<b>S.Kim - Korea, South</b> Core-shell fabrication of MWCNT-AN/Poly(phenylene sulfide) Composite for High Thermal Conductivity With Effect of Electrical Insulation.
36	<b>D.Schaupp - Norway</b> Novel Coatings for wood-based panels
37	<b>I.Karavayev - Ukraine</b> Ukrainian Coatings Market : Safety Remains In Priority
38	<b>N.Meckbach - Germany</b> The Design and Synthesis of New NIR-Active Sensitizers for Use in Photochemical Processes and Controlled Polymerizations
39	<b>A.Szymankiewicz - Poland</b> Alkylsilane-grafted polybutadienes as effective coating materials
40	<b>A.Specht - Poland</b> Optical component fabrication by UV nanoimprint through resists based on ionic liquids
41	<b>M.Kozal - Czech Republic</b> Development of innovative polymer dispersions with monomers from renewable sources as modifying additives for specific applications in the construction industry
42	<b>K.Suchon - Poland</b> The influence of hybrid coating containing NIR pigments and hollow glass microspheres on reflective properties of ecofriendly coatings
43	<b>S.Schellmus - Germany</b> Photoinitiation and Depolymerization on Demand with New Hexaarylbimlindazoles in Coatings for the Next Decade
44	<b>J.Jarek-Stalga - Poland</b> How can organic coatings stability be traced with modern analytical technique: FTIR spectroscopy and electrochemical Scanning Kelvin Probe
45	<b>M.Hofel - Czech Republic</b> The effect of CPs coated 3D sulphides on corrosive and mechanical properties of organic coatings containing of zinc metal particles.

46	<b>C.Schmitz</b> - Germany Digital Database Structures and Workflows for Intelligent Automation
47	<b>K.Olib</b> - Poland Study of anti-corrosion properties of electrophoretically deposited doped graphene oxide coatings
48	<b>M.Bosma</b> - Netherlands Powder Paints: measure and model the development of appearance
49	<b>M.Kunozdzki</b> - Poland P/W modified with siloxyl resins
50	<b>E.Langer</b> - Poland Light-curing varnish with reduced flammability dedicated to wooden and wood-based substrates
51	<b>J.Wisniewa</b> - Czech Republic Application of Novolve Engineered Polysaccharides in Coatings
52	<b>M.Kuczmarsk</b> - Poland Organometallic polyoxanes as precursors of hydrophilic materials
53	<b>A.Musto</b> - Germany Ultraviolet-Curable Free Ionomers for Improved Dry Times and Other Added Benefits in Oxidative Cured Systems
54	<b>A.Kraszka</b> - Poland The effect of thermomechanical processing parameters on selected properties of thermoplastic starch
55	<b>I.Barczewska-Rybark</b> - Poland The influence of polyurethane roof insulation thermal aging in air and seawater on structural, physico-chemical and mechanical properties
56	<b>P.Dziendziel</b> - Poland Synthesis of new oligoesters based on waste poly(ethylene terephthalate) and dimers of fatty acids as a binder for polyurethane organic coatings.
57	<b>K.Kozdrań</b> - Poland Experimental research on a hydrophobic, self-regenerating coating for protection of the surface of painted vehicles
58	<b>A.Mielniczyk</b> - Poland Surface chemical modification of commercial catheters via Si-ATRP
59	<b>A.Bayeva</b> - Kazakhstan Development of water cycles for sewage treatment of dye-finishing production
60	<b>D.Jedliński</b> - Poland SLF materials as new type initiators of the epoxy resins - from synthesis to applications
61	<b>A.Przytycka</b> - Poland Hydratization of natural fiber surface with organosilicon compounds
62	<b>F.Boback</b> - Czech Republic Surface Treatments for Bonding of Polyether ether ketone with Thermoset Matrix of Fiber Composites
63	<b>Z.Bojarska</b> - Poland Nanosized MoS <sub>2</sub> deposited on carbon nanomaterials as the new lubricant additive for engine oils
64	<b>K.Kulawka</b> - Poland Novel Supported Ionic Liquid Phase (SILP) materials as effective catalysts in organofunctional silanes synthesis
65	<b>V.Levchenko</b> - Norway Ilic-based additives for coil coatings
66	<b>J.Lisowski</b> - Poland Highly hydrophobic mineral plaster in ready-to-use form
67	<b>A.Luo</b> - Germany Laser diffraction measurements of pigment size distributions in coatings and mill bases
68	<b>D.Oprych</b> - Germany Novel Polymeric Rheology Control Additives for Improved Orientation of Metallic Pigments
69	<b>A.Kakajczyk</b> - Poland Nanomaterials in fire protection. Application and requirements
70	<b>P.Reis</b> - Czech Republic Study of the minimal surface-based solids as an infill of the 3D printed objects and their effect on compressive strength
71	<b>E.Savino</b> - Netherlands Ruthenium Rigidochromic Dyes as Probes for Resin Curing
72	<b>Q.Wang</b> - Germany Photocuring of Nanoparticle-Comprised Coatings Based on Heptamethine Cyanines with NIR Exposure between 800-950 nm
73	<b>A.Zajac</b> - Poland Implementation of additives from renewable sources in epoxy composites with lower negative environmental impact

[ETC2022 Congress Presentation Topics](#)

- A. Advances in Sciences of Paints & Coatings, Adhesives, Construction Materials, Printing Inks and related products
- B. Chemical composition, formulations and products specification
- C. Polymer and other raw materials usage
- D. Advances in processing and production
- E. Measuring and testing, quality systems
- F. Fire protection and corrosion prevention materials
- G. Equipment and production lines
- H. Application techniques
- I. Environment & Safety & Health