

PROGRAM of ETCC2022 European Technical Coatings Congress

ORAL PRESENTATIONS

12 July 2022

TIME

08.45-09.00	ETCC2022 Opening Ceremony.					
09.00- 09.45	<p align="center">PLENARY SESSION 1 A. van Linden Netherlands Creating Value through Innovation and Collaboration</p>					
09.45-10.30	<p align="center">PLENARY SESSION 2 M.Soucek USA Advances in Self-Stratified Coatings</p>					
10.30-11.00	Coffee Break					
	SESSION 1	SESSION 2	SESSION 3	SESSION 4	SESSION 5	SESSION 6
11.00 - 12.30	1.1.A R.Czarnecki USA Aluminum oxide nanocomposite wax powders for improved scratch resistance	2.1.C G.Delmas France Surface-controlled waterborne binders for improved HEUR & HASE thickeners efficiency to achieve optimum paints rheological profile	3.1.I Z.Bojarska Poland Designing hybrid nanocomposites based on molybdenum disulphide and carbon nanomaterials for enhanced photo-electrocatalytic properties	4.1.E A.Schoenlein Germany Laboratory Weathering with H2O2 Spraying	5.1.A W.Paulus Germany 1K 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.Massmann Netherlands Selective modification of unprotected carbohydrates for crosslinking in waterborne coatings	2.2.C M.Sibi 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 soybean 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 C.Batchelor United Kingdom Analysis of Ultraviolet Absorbance Profiles of CHDA and HHPA and their impact in the degradation of coatings in accelerated and realtime exposure testing	6.2.E D.Wojda Poland Colour durability of PUR topcoats – how to choose durable colour?
	1.3.A S.Rossi Italy Introduction of silver particles in cataphoretic coatings for smart surfaces	2.3.C I.Willerich Germany Quick curing mechanisms for architectural all-season coatings	3.3.I U.Schoknecht Germany The impact of weather conditions on biocides in paints	4.3.E M.Osterhold 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
13.30-15.00	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. Ressnig Switzerland Acrylic Emulsion Binder Extending the Aesthetics & Durability of Façade Coatings	9.1.I G.Kyzas Greece Chitosan-modified polymeric material for wastewater treatment	10.1.F E.Duru Turkey Corrosion and wear behaviour of Ni-B/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.Tiedje Germany Paint properties for oversprayfree 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.I B.Toirac Spain Sol-gel coatings with release of linezolid and cefoxitin as a combined therapy of prosthetic 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 pigments volume concentration through different methods resulted from EIS	12.2.H N.Salazar Spain Cold Gas Spray (CGS) as a Novel Technology to Apply Thermoplastic Coatings
	7.3.A N.Kargarfard Germany Eco-friendly self-stratifying powder coating materials with corrosion resistance and weather protection property	8.3.C R.Wollrab Slovenia Sustainable, Bio-based Polyester Resins for Coatings	9.3.I M.Hallack Germany VOC-Toolbox – More Freedom for Coatings Formulators	10.3.F S.Plebst Germany Ionic Liquids and Nanomaterials Dispersions – Innovative Additives for Coatings and Paints	11.3.A M.Gedan-Smolka Germany Multi-functional organic coatings-fundamentals and application oriented research at the IPF	12.1.H U.Gumsheimer 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.Nagazi France A novel method for coatings characterization at high temperature	14.1.D C.Uzoh Nigeria Appraisal of Mathematical Modeling of Alkyd Resin Polycondensation Reactor	15.1.E M.Pedersen Denmark Objective and Unbiased Fouling Resistance Rating using Image Analysis	16.1.A W.Bremser 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 V.Kurbatov Russia The investigation of core-shell pigments properties based on inorganic fillers and polyaniline
	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.Królikowska Poland Carelessness in morphology design can affect organic coatings performance	17.2.C G.Kütahya Germany New Strategies for Coatings 2020: Controlled Polymer Synthesis based in NIR Technologies	18.2.A N.Farshchi Germany Self-healing through Diels-Alder Reaction in uretdione based powder coating

13.3.A B.Münzing 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 & 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 R.Krzosa Poland Population balance equation model of deaggregation process carried out in high-shear dissolvers
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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
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09.45-10.30	PLENARY SESSION 4 T.Zieliński Poland Trends and challenges – new business model of chemical industry in Europe
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10.30-11.00	Coffee Break
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Time	SESSION 19	SESSION 20	SESSION 21	SESSION 22	SESSION 23	SESSION 24
11.00 - 12.30	19.1.A B.Strehmel Germany P Physical and Chemical Drying of Diverse Coatings Comprising Green Photocatalysts and Alternative Absorbers covering the UV, Blue and NIR Range with New LED Techniques	20.1.C J.Akkerman Netherlands Keynote Speaker 36 Years of paint and resin innovation: from invention to innovation	21.1.D D.Tierney Switzerland Eco-friendly In-can Protection of Paints in a Sustainable Environment	22.1.A N.Rajagopalan 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.Stalmach Germany Will the Smart Paint Factory Eliminate the Need for Lab Personal Within the Next 5 Years?	24.1.A S.Weiß Germany Modelling of wetting & dispersing additives
	19.2.A S.Yomo Japan Improving appearance of multilayer coating films for automotive bodies	20.2.C C.Davidson Belgium Keynote Speaker Paint it green. The EU initiatives that the paint industry is facing	21.2.D HJ.Jacob Germany Vacuum Inline Dispersion saves Titanium Dioxide and inducts dust free	22.2.A E.Bertin France Exalt® water-based calcium aluminate cement suspension for fast drying in water-based coatings.	23.2.E T.Wieckowski Poland Coatings Appearance Measurements – new developments and trends	24.2.A D.Ehrhardt Belgium Self-healing UV-curable polymer network layers for photovoltaic applications
	19.3.A R.Rafiei Hashjin Iran Outstanding Durability in Superhydrophobic Coating Achieved by Sol-Gel Process	20.3.C HJ.Jacob Germany Vacuum Inline Dispersion saves Titanium Dioxide and inducts dust free	21.3.D M.Vitale Italy LIFE-BioPaint and LIFE-WB BioPaint: demonstration of innovative sustainable processes for resin and paint production	22.3.A V.García Spain Bugphobic coatings with omniphobic properties for aerodynamic surfaces	23.3.E H.Bi Denmark Coating degradation and rust creep assessment - A comparison between a destructive method according to ISO 12944 and selected non-destructive methods	24.3.A Y.Schuchmann Germany Modelling of Polymer and Solvent Parameters For The Prediction of Coating Surface Phenomena

12.30-13.30	Lunch Break
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	SESSION 25	SESSION 26	SESSION 27	SESSION 28	SESSION 29	SESSION 30
13.30-15.00	25.1.B W.Kloosterman Netherlands Novel waterborne acrylic technology for sustainable basecoat formulations	26.1.C V.Strehmel Germany Wetting of Polymeric Binders Derived from Traditional and Ionic Polymethacrylates	27.1.A B.Erich Netherlands Keynote Speaker Solar control coatings for heat harvesting of building façades	28.1.A N.Taleghani Iran The synergic effect of SAPP and sodium molybdate in an organic coating on corrosion resistance of galvanized steel	29.1.C M.Denis France Hybrid alkyds, 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 Constructions
	25.2.B N.Guy France Design of an acrylic photoresist for cataphoresis process	26.2.C M.Zielecka Poland Recent achievements in silicone-based flame resistant coating materials	27.2.A D.Golotta Germany ACT strategy – the PFINDER way to reduced emission and improved odor	28.2.A J.Scheerder Netherlands New waterborne binders with IKEA 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.Doğan Turkey Investigation of structural and corrosion properties of pulse electrodeposited Ni-B/SWCNT 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.Fritzeimer Switzerland Genagen COA VOC-Free Coalescing Agent for Emulsion Paints	27.3.A H.Yahyaee Iran The effect of castor oil on properties of carboxy methyl cellulose based edible coating	28.3.A A.Rybak Poland Functional coatings for sand printed moulds for casting 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
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	SESSION 31	SESSION 32	SESSION 33	SESSION 34	SESSION 35	SESSION 36
15.30-17.00	31.1.B A.Sardari Iran Emulsion polymerization process: Effects 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.Trentin Brazil Unveiling the self-healing effect of cerium ions in PMMA-silica coatings on AA7075: A comparative study of Ce(III) and Ce(IV)	34.1.A S.Van Loon Netherlands Digitalization of formulation developments via predictive sciences	35.1.I Huzaiifa Matawala USA Paint Recyclist-Regent paints, Maximum Sustainability	36.1.D T.Jähner Germany Generating new powders for coatings and pigments with a pulsating gas stream
	31.2.B M.Groenewoud Netherlands Novel Catalyst for Reduced Temperature Cure Powder Coatings	32.2.C A.Sahut France Isosorbide and derivatives for bio-based and performants coatings	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) antifriction coatings with chemical bonded PTFE as lubricant	35.2.I A.Dziechciarz Poland Toxicity of selected fire protective coatings for wood	36.2.D K.Radwański Poland BIOFIRE Project– Advanced Coated Steels for Biomass Firing

31.3.B M.Heuer Germany More Durability of Coatings by Enhancing Scratch and Abrasion Resistance	32.3.C B.Pilch-Pitera Poland New biobased polyurethane powder coatings for painting low temperature resistance substrates	33.3.A J.Scheerder Netherlands New waterborne binders with IKEA R2 performance in clear, satin and pigmented coatings	34.3.A A.Kazek - Kęsik Poland New approach of hybrid layer on titanium dental implants	35.3.I M.Heuer Germany Improved Anti-Fouling Performance in Cuprous Oxide based coatings through incorporation of modified fumed silica	36.3.D M.Heuer Germany Achieving the next level of durability without reformulation – New hardener for ambient curing high heat resistant coatings
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14 July 2022

Time	SESSION 37	SESSION 38	SESSION 39	SESSION 40	SESSION 41	SESSION 42
09.00-10.30	37.1.C C.Webster USA Coatings binder systems from high functionality bio-based seed-oil derived resins	38.1.B T.Klotzbach Germany Deep matte effect – Novel precipitated silicas achieve enhanced performance	39.1.A P.Struelens Belgium Keto fatty acids for faster drying alkyd resins.	40.1.A M.Calovi Italy Cataphoretic deposition of organic coatings with functionalized graphene oxide flakes	41.1.A O.Strube Germany Beyond Sustainability – Bioinspired Coating Innovations	42.1.B D.Czachor-Jadacka Poland UV curable biobased powder coatings
	37.1.C P.Van Waes Netherlands Reduced carbon footprint without compromise on quality with Tall Oil Fatty Acid for alkyd resins	38.2.B H.Yahyaei Iran PhotoDSC study of Titanium Dioxide Pigmented UV-cured Coatings: Anatas Polymorph against Rutile Polymorph	39.1.A J.Zieglerova Czech Republic A New Styrene Acrylic to Manage Formulation Costs While Maintaining High Performance	40.2.A S.Govers Netherlands Surface segregation of silicon-containing block copolymers in coatings	41.2.A M.Cudazzo Germany Thermally conductive powder coatings	42.2.C D.Chernyshov Germany New silicone additives for high-performance antigraffiti polyurethane applications
	37.3.C J.Vyörykkä Switzerland Acrylic Emulsion Binder Extending the Aesthetics & Durability of Façade Coatings	38.3.B M.Smiglak Poland Ionic Liquids Curing Agents as an ideal tool in development of composite and biocomposite materials technologies	39.3.A C.Uzoh Nigeria Synthesis of Rubber Seed Oil Waterborne Alkyd Resin from Glucitol	40.2.A E.Hola Poland Novel versatile bimolecular photoinitiating systems for coating industry and 3D printing application	41.3.A G.Jaunky Germany New Tools to Tune the Wettability of Multi-layer Coatings!	42.3.C C.Tiemeyer Germany Two Approaches for Achieving Improved Sustainability of Architectural Coating Binders
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 Engineered for Improved Durability and Burnish Resistance	44.1.B F.Kother Germany Faster – Better – Cheaper: Recipe and Process Optimization	45.1.A M.Martinez Spain Bugphobic coatings with omniphobic properties for aerodynamics surfaces	46.1.A A.White Finland New developments in maximising the optical efficiency of Titanium Dioxide in Matt Water Based Coating systems	47.1.A S.Beuck Germany Silane functional polyisocyanates and prepolymers and their coating applications - A novel approach	48.1.H M.Cudazzo Germany Increase of powder coating quality and material efficiency by the use of a new smart control process
	43.2.C M.Topa Poland Production of polymer coatings by photopolymerisation using novel, effective photoinitiators and simultaneously colorimetric sensors to control the quality of the process	44.2.B T.Karavayev Ukraine Mineral and Organic Fillers for Water-Dispersion Paints	45.2.A Y.Levchenko Ukraine Diethanolamine Borate Modifiers for Water-Dispersion Polymeric Materials	46.2.A C.Bauder Germany Photocatalytic active coatings for air purification	47.2.A K.Szibert Poland Anti-corrosive properties of organofunctional alkoxy silane coatings	48.2.A A.Franczyk Poland Synthesis of new organosilicon derivatives for coating applications
	43.3.C M.Farooq Netherlands ZEFFLE-GKD: A water-borne 2-component fluorinated dispersion polymer for highly chemical resistant and long-lasting coatings	44.3.B J.Lach Poland Anticorrosive coating materials based on Zn-particles	45.3.A W.Tomal Poland From the synthesis of new biphenyl photoinitiators to the formation of highly cross-linked polymer products for 3D printing and coating industry	46.2.A J.Trzaskowska Poland Aqueous silicone-acrylic/styrene and acrylic/styrene-silicone dispersions with hybrid particle structure for coating applications	47.3.A E.Matušková Czech Republic The effect of cobalt-free promoters on curing of unsaturated polyester resins at ambient temperature	48.3.F M.Elkadry Ukraine Ablative polymer composite for thermal protection systems of steel combustion chambers in solid rocket motors
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.

Nr	POSTERS PRESENTATION SESSION on 12-14 July 2022
1	J.Bootsma Netherlands On the development of new Fe-based driers for alkyd curing
2	JM.Kim Korea, South Study on the effect of modifying the coating system to improve the properties of PCM made of high corrosion resistance coated steel sheets
3	M. Nowicka-Nowak Poland Anti-graffiti properties depending on the value of the free surface energy of coatings
4	L.Wagner Germany High Throughput meets Machine Learning - "Digital Coatings" for sustainable products and applications
5	Y.Yung Chi Taiwan The Study of Novel Hybrid Stabilizers against Instant Yellowing during Curing, Weathering, and Heat Resistance for Waterborne UV-curable Coatings
6	A.Kalendová Czech Republic Formulation of paints containing environmentally friendly pigments modified by conductive polymer salts for anticorrosion protection of metallic substrates
7	G.Gil Alvaradejo Norway Versatile dispersing agents for waterborne coatings
8	M.Ebrahimi Iran Effect of epoxidized soybean oil acrylate oligomer composition on UV curable epoxy acrylate formulations: experimental design approach
9	T.Poplata Germany New Type II Photoinitiator System for Free Radical Polymerization for Coatings
10	A.White Finland Minimizing TiO ₂ usage in Coatings systems by accurately measuring Wet Hide : Optimization whilst maintaining Wet Hide Performance
11	A.Skripinets Ukraine Vibration absorbing epoxyurethane products and coverings of building appointment
12	L.Appelhoff Germany Novel Efficient Photoinitiator Systems for Curing of Water-Based Dispersions in Combination with High-Power Near-Infrared LEDs
13	H. den Besten Netherlands In situ Raman spectroscopy and headspace analysis to identify the decomposition pathway of alkyl hydroperoxides
14	C.Castillo Chile Novel wood preservative compounds based on metallic copper nanotechnology. CCA replacement alternative and new coatings for surface protection.
15	S.Waškiewicz Poland Self-stratifying coatings based on Schiff base epoxy resins.
16	C.Dos Santos Optimizing coil coating performance using additives from bio-based feedstock
17	A.Makarov Russia Obtaining microcapsules from polymethylmethacrylate for use in protective coatings obtained by electrodeposition
18	Y.Guo United Kingdom The study of graphite/graphene-based conductive ink formulations
19	D.Steinerová Czech Republic Effect of pigments and fillers on properties of new acrylate dispersion containing nanoparticles MgO
20	M.Quast Germany Detection of bacterial contamination of process liquids in painting processes and avoidance by means of environmentally friendly, biocide-free techniques
21	J.Ortyl Poland Development of New High-Performance Photoinitiating Systems and Their Applications in Polymer Coating Industry
22	J.Schultz Chile Antimicrobial protection for surfaces by aqueous low-cost metallic copper nanoparticles.
23	M.Nowicka-Nowak Poland Dirt pick-up resistance for waterborne coatings on wooden and mineral surfaces
24	P.Vlasák Czech Republic Polyglycerine – catalysts for synthesis
25	R.Krzosa Poland Breaking up titanium dioxide particles in ball mill – experimental and CFD analysis

26	W.Janik Poland Effect of lignin on thermal properties of chitosan and starch-based coatings processed with PVA
27	N.Skopintseva Russia The influence of hydroxy-functional polyester on corrosion performance of polyurethane coatings
28	J.Karasiewicz Poland (Poly)siloxanes as precursors of anti-fog materials
29	B.Sieredzinska Netherlands Photo-crosslinking polymers by dynamic covalent disulfide bonds
30	S.Driesen Germany NIR-Absorber for Photonic Drying of Coatings with High-Power NIR-LEDs between 800-950 nm
31	Z.Ranjbar Iran The effect of n-Hexyl glycol and pigment to binder ratio on deposition behavior and edge coverage of water borne epoxy urethane electrocoatings
32	Ö.Yilmaz Turkey Synthesis of Formaldehyde Free and Water Resistant Poly Vinyl Acetate Homopolymers
33	M.Ebrahimi Iran Preparation, Characterization and Microencapsulation of Coconut oil/ Graphene Composite as PCM for Thermal Energy Storage
34	A.Silaeva Russia Structure of polymer coatings filled with nanosized particles obtained by the method of cathodic e-coating
35	P.Hammer Brasil Barrier properties of high-performance PMMA-silica coatings on AA7075 and AA2024 alloy
36	J.Machotová Czech Republic Self-crosslinking acrylic latex with embedded inorganic nanoparticles: Comparison of nanosized ZnO and MgO as ionic crosslinking agents
37	M.Groen Netherlands Using IR spectroscopy and EPR spectroscopy to study a method for used rubber recycling.
38	S.Kim Korea, South Core-shell Fabrication of MWCNT-AIN/Poly(phenylene sulfide) Composite for High Thermal Conductivity With Effect of Electrical Insulation.
39	D.Schaupp Norway Novel Coatings for wood-based panels
40	T.Karavayev Ukraine Ukrainian Coatings Market : Safety Remains In Priority
41	N.Meckbach Germany The Design and Synthesis of New NIR-Active Sensitizers for Use in Photochemical Processes and Controlled Polymerizations
42	A.Szymańska Poland Alkoxysilane-grafted polybutadienes as effective coating materials
43	A.Kostitsyn Russia The influence of mineral fillers on physical and chemical properties of UV curable coating compositions
44	A.Szpecht Poland Optical component fabrication by UV nanoimprint through resists based on ionic liquids
45	M.Kolář Czech Republic Development of innovative polymer dispersions with monomers from renewable sources as modifying additives for specific applications in the construction industry
46	K. Suchoń Poland The influence of hybrid coating containing NIR pigments and hollow glass microspheres on reflective properties of ecofriendly coatings
47	S.Sheikhmous Germany Photoinitiation and Depolymerization on Demand with New Hexaarylbiimidazoles in Coatings for the Next Decade
48	J.Jurek-Suliga Poland How can organic coatings stability be traced with modern analytical technique: FTIR spectroscopy and electrochemical Scanning Kelvin Probe
49	M.Kohl Czech Republic The effect of CP's coated 2D sulphides on corrosive and mechanical properties of organic coatings containing of zinc metal particles.
50	C.Schmitz Germany Digital Database Structures and Workflows for Intelligent Automation
51	K.Ollik Poland Study of anti-corrosion properties of electrophoretically deposited doped graphene oxide coatings
52	M.Bosma Netherlands Powder Paints: measure and model the development of appearance

53	M.Kumosiński Poland PVB modified with alkyd resins
54	E.Langer Poland Light-curing varnish with reduced flammability dedicated to wooden and wood-based substrates
55	J.Viasáková Czech Republic Application of Nuvolve Engineered PolySaccharides in Coatings
56	M.Kaczmarek Poland Organofunctional polysiloxanes as precursors of hydrophilic materials
57	A.Musto Germany Unique Cobalt-Free Driers for Improved Dry Times and Other Added Benefits in Oxidative Cured Systems
58	A.Krasuska Poland The effect of thermomechanical processing parameters on selected properties of thermoplastic starch
59	I.Barszczewska-Rybarek Poland The influence of polyurethane roof insulation thermal aging in air and seawater on structural, physico-chemical and mechanical properties
60	P.Dziendziół Poland Synthesis of new oligoesters based on waste poly(ethylene terephthalate) and dimerised fatty acids as a binder for polyurethane organic coatings.
61	K.Jędrasiak Poland Experimental research on a hydrophobic, self-regenerating coating for protection of the surface of painted vehicles
62	A.Mielańczyk Poland Surface chemical modification of commercial catheters via SI-ATRP
63	A.Issayeva Kazakhstan Development of water cycles for sewage treatment of dye-finishing production
64	D.Zieliński Poland SILP materials as new type initiators of the epoxy resins - from synthesis to applications
65	A.Przybylska Poland Hydrophobization of natural fiber surface with organosilicon compounds
66	P.Bohacik Czech Republic Surface Treatments for Bonding of Polyether ether ketone with Thermoset Matrix of Fiber Composites
67	Z.Bojarska Poland Nanosized MoS ₂ deposited on carbon nanomaterials as the new lubricant additive for engine oils
68	R.Kukawka Poland Novel Supported Ionic Liquid Phase (SILP) materials as effective catalysts in organofunctional silanes synthesis
69	V.Levchenko Norway Bio-based additives for coil coatings
70	J.Lisowski - Poland Highly hydrophobic mineral plaster in ready-to-use form
71	S.Luo Denmark Laser diffraction measurements of pigment size distributions in coatings and mill bases
72	D.Oprych Germany Novel Polyamide Rheology Control Additives for Improved Orientation of Metallic Pigments
73	A.Rabajczyk Poland Nanomaterials in fire protection. Application and requirements
74	P.Resl Czech Republic Study of the minimal surface-based solids as an infill of the 3D printed objects and their effect on compressive strength
75	E.Savino Netherlands Rhutenium Rigidochromic Dyes as Probes for Resin Curing
76	Q.Wang Germany Photocuring of Nanoparticle-Comprised Coatings Based on Heptamethine Cyanines with NIR Exposure between 800-950 nm
77	A.Zajac Poland Implementation of additives from renewable sources in epoxy composites with lower negative environmental impact
78	D.Zielinski Poland SILP materials as new type initiators of the epoxy resins - from synthesis to applications

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. Polymers and other raw materials range**
- 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**