

Tuesday morning, 17 October 2017, Conference room 1

09.30 – 11.30	Plenary Session Keynote speech on future trends and innovation, market overview, awards ceremony
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11.30 – 13.00 hrs Networking: Lunch & Exhibition

Tuesday afternoon, 17 October 2017, Sessions 1 - 3

	Session 1: Advances in photopolymerization Conference room 1	Session 2: Development in Printing Conference room 2	Session 3: HSE & Safe Use of UV/EB Conference room 3
13.00 – 13.30	In situ investigation of photopolymerization reactions via real time-NIR/MIR photorheology by <i>Dr. Christian Gorsche, TU Wien, AT</i>	Enabling low Migration UV Inkjet and Coatings by <i>Michael Kiehnel, BCH Brühl, DE</i>	REACH by <i>REACHcentrum, BE</i>
13.30 – 14.00	Homogeneous photopolymer networks: applications to shape memory materials and scratch resistant coatings by <i>Celine Crouxte-Barghorn, LPIM Mulhouse, FR</i>	New Radiation Curable Compositions for Digital Printing Applications by <i>Michel Tielemans, Allnex, BE</i>	Update on transportation legislation by <i>Perrine Cahen, Allnex, BE</i>
14.00 – 14.30	Toughening of photopolymer networks using addition-fragmentation chain transfer reagents by <i>Markus Kury, TU Wien, AT</i>	Allowing 100% UV to become the preferred technology for food packaging applications by <i>Charles Bourrousse, Sartomer, FR</i>	Update RoHS by <i>Dawn Skinner, Heraeus Noblelight America LLC, GB</i>

14.30 – 15.15 Networking: Coffee break & Exhibition

15.15 – 15.45	How do the material props of photopolymerized methyl methacrylate depend on the photoinitiation mechanism? by <i>Ahmad Ibrahim, LPIM Mulhouse, FR</i>	Electron Beam Crosslinking of Polyolefin Films for Various Packaging Applications by <i>Im Rangwalla, Energy Sciences, US</i>	Global chemical legislation by <i>Keller & Heckman, US</i>
15.45 – 16.15	Silanes as promising chain transfer agents for radical photopolymerization by <i>Johannes Steindl, TU Wien, AT</i>	Electron-Beam Accelerators by <i>Bengt Laurell, Electron Crosslinking AB, SE</i>	Printing ink legal assessment after the decline of the German printing ink ordinance by <i>Andreas Grabitz, Eurofins, DE</i>
16.15 – 16.45	Effect of the oxygen affected layer in multilayered photopolymers by <i>Johann Pierrel, LPIM Mulhouse, FR</i>		Raw material POV UV printed materials for food contact by <i>Martin Klatt, BASF, DE</i>
16.45 – 17.15			View from EuPIA on EU harmonized measure by <i>Nick Ivory, Sun Chemical, GB</i>

Please join us for the Afterwork party at 17.30 in the Exhibition area/lobby

Wednesday morning, 18 October 2017, Session 4 - 6

	Session 4: UV LED equipment & measurement Conference room 1	Session 5: Developments in photoinitiators Conference room 2	Session 6: Innovations: New applications Conference room 3
09.00 – 09.30	Improved Radiometric Methods for LED Arrays by <i>Dr. Robin Wright, 3M (retired), US</i>	Advances in Two-Photon Initiation based 3D printing for biological applications by <i>Markus Lunzer, TU Wien, AT</i>	Development of UV curing imprint resins and large area manufacturing of biomimetic functional surfaces by <i>Dieter Nees, Joanneum Research, AT</i>
09.30 – 10.00	New developments in UV LED process control – using Inline Continuous Automated Dynamic Technology (ICAD-Technology) by <i>Thomas Efsen, Efsen Engineering, DK</i>	New cationic initiators and frontal polymerization by <i>Patrick Knaack, TU Wien, AT</i>	UV-Printable & Flexible humidity sensors based on conducting/insulating semi-interpenetrated Polym networks by <i>Marco Sangermano, Politecnico di Torino, IT</i>
10.00 – 10.30	The Importance of Total Measured Optic Response in UV LED Measurement by <i>Jim Raymont, EIT Inc., US</i>	New liquid Acyl Phosphine photoinitiators by <i>Dr. Gabriele Norcini, IGM Resins, NL</i>	UV-Curable thermosetting polymers for (optical) coatings and photonics by <i>Dr. Matthias Köhler, Fraunhofer IAP Tellow, DE</i>

10.30 – 11.15 Networking: Coffee break & Exhibition

11.15 – 11.45	Novel system design for UV curing of width from 3" to 90" by <i>Marko Hoffman, Heraeus Noblelight GmbH, DE</i>	Novel Germanium-based photoinitiators for free-radical polymerization by <i>Judith Radebner, Graz University, AT</i>	Debonding on demand: irreversible approach via thermally induced gas formation & network regulation by <i>Christoph Schnöll, TU Wien, AT</i>
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RadTech Europe Conference 2017

Programme at a glance continued

11.45 – 12.15	TargetCure™ delivers precise UV LED irradiance control <i>by Rob Karsten, Phoseon, US</i>	A new dual Bicyclic Photoinitiating System for synthesis of organic – inorganic hybrid materials <i>by Christian Ley, LPIM Mulhouse, FR</i>	Electron beam radiation to cure lacquers through polymers <i>by Steffen Günther, Fraunhofer FEP Dresden, DE</i>
12.15 – 12.45	Highest power density UV LED solutions enables curing application with new innovative CSP Technology <i>by Yan Chai, Lumileds, US</i>	Photopolymerization and industry 4.0: Nowadays and future applications with NIR, visible and UV light <i>by Bernd Strehmel, Niederrhein University, DE</i>	Ebeam technology for printing <i>by Mikala Baines, COMET AG, CH</i>
12.45 – 13.15	UV calibrations – state of the art review <i>by Marko Paravia, Opsytec, DE</i>	Photoinitiators for water based UV curing. Sink or swim? <i>by Arthur Green, Consultant, GB</i>	Low energy Electron Beam irradiation of liquids for medical applications <i>by Javier Portillo Casado, Fraunhofer FEP Dresden, DE</i>

Wednesday afternoon, 18 October 2017, Sessions 7-8

	Session 7: UV LED formulations Conference room 1	Session 8: Innovations: New materials Conference room 2
14.30 – 15.00	Utilizing deep-UV LED below 300nm to enhance curing <i>by Tanja Bizjak-Bayer, Excelitas, US</i>	UV-LED curing of Lightweight materials <i>by Dr. Christian Dreyer, Fraunhofer IAP Tellow, DE</i>
15.00 – 15.30	What Acrylate Chemistry works best for LED Cure? <i>by Volker Petry, Rahn AG, CH</i>	UV-cured fiber composite laminates: study of photonic & chemical parameters for optimized mech properties <i>by Pauline Carion, LPIM Mulhouse, FR</i>
15.30 – 16.00	Boosting curing speed and performance when using LED light sources <i>by Kevin Poelmans, Allnex, BE</i>	Novel photochemical/Thermal Dual-Cure initiating system for cationic photopolymerization of thick materials <i>by Maxime Lecompère, LPIM Mulhouse, FR</i>
16.00 – 16.45 Networking: Coffee break & Exhibition		
16.45 – 17.15	A new high performance photoinitiator for near-UV and visible LEDs: Copper PhotoRedox Catalyst <i>by Richard Plenderleith, Lambson & IS2M, GB</i>	Novel water-based radiation curable dispersion with improved formulation flexibility <i>by Elodie Siband, Allnex, BE</i>
17.15 – 17.45	Advancements in shorter wavelength LED technology and its impact on UV curing applications <i>by PK Swain, Heraeus Noblelight America, US</i>	Sophisticated structures in additive developments <i>by Petra Lenz, BYK-Chemie, DE</i>
17.45 – 18.15	LED light curing for structural bonding applications – status and latest development <i>by Florian Garnich, Henkel, DE</i>	

19.00 – 22.30 RTE Networking dinner in Prague city center (optional, on pre-registration)

Thursday morning, 19 October 2017, Sessions 9-10

	Session 9: 3D Printing Conference room 1	Session 10: Developments in coatings Conference room 2
09.00 – 09.30	Formulating for 3D Printing (SLA) <i>by Sean Des Roches, Rahn AG, CH</i>	New solutions to reduce yellowing directly after UV-cure to simplify color matching <i>by Jean-Yves Salviato, Allnex, BE</i>
09.30 – 10.00	Technical keys to understand 3D printing <i>by Lucile Bonhoure, Sartomer, FR</i>	NEW PEA BPA-free, non-toxic, LED/low energy curable coatings and inks based on renewable raw materials <i>by Xavier Drujon, Sartomer, FR</i>
10.00 – 10.30	3D printing of hydrogels – a new approach to manufacture ceramic parts and biocomposites <i>by Stefan Baudis, TU Wien, AT</i>	Multi-curing polyurethane dispersions <i>by Eva Tejada, Covestro, DE</i>
10.30 – 11.15 Networking: Coffee break & Exhibition		
11.15 – 11.45	UV curable materials for 3D printing based on renewable resources <i>by Olga Liske, TU Wien, AT</i>	Matt & high-scratch-resistant ctgs with soft touch via optimized ctg formulation & alternative curing methods <i>by Sebastian Berger, BASF, DE</i>
11.45 – 12.15	UV-cured 3D printed silicone acrylates <i>by Bob Ruckle, Siltech, US</i>	Matt UV Clear Coat: Cost-saving potential and matting efficiency by Neuburg Siliceous Earth <i>by Dr. Andreas Oesterreicher, Hoffmann Mineral, DE</i>
12.15 – 12.45	Nacre-like toughening of photopolymers <i>by Sonja Baumgartner, TU Wien, AT</i>	Functionalization of Oleate Moieties in Alkyd resins with (meth)acrylate froups for photoinitiated polymerization <i>by Dr. Veronika Strehmel, Niederrhein University, DE</i>
12.45 – 13.15	Techniques to prepare fast UV-LED curable epoxies for 3D printing, with high impact resistance and high HDT <i>by Ran Begam, Polymer Gvulot Ltd, IL</i>	

12.45 – 14.30 Networking: Lunch & Exhibition (lunch buffet at Brasserie – floor below Conference area)