

Conference programme 2021

**DAY ONE – TUESDAY
16 NOVEMBER 2021**

OPENING SESSION: MAIN THEATRE

10:30 Introduction to UTECH Europe 2021

Brennan Lafferty, Vice President and Group Publisher, Crain Communication's Global Polymer Group

10:35 Chairman's Welcome

Simon Robinson, Editor, Urethanes Technology International

10:40 Welcome from ISOPA and Keynote Address

Christopher Metz, Vice President Isocyanates, PO & Glycols EMEA at BASF and President of ISOPA

11:15 Keynote Address – Polyurethane: where we came from and where we're going

Marco Volpato, CEO, Cannon Group

11:40 REFRESHMENT BREAK

11:50 Key drivers for the flexible PU market in Europe to 2030

Bart ten Brink, President, EuroPUR

12:10 Review of current market and pricing developments in polyurethane chemicals

Robert Peacock, Consultant, ICIS Consulting

12:30 UTECH Europe Awards 2021

The awards will celebrate achievements and innovations from across the polyurethanes industry.

Awards Sponsor:  **Haltermann Carless**

Conference sponsored by



Coffee Break Sponsor:



- Rising Star Awards
- UTECH Hall of Fame
- Automotive, CASE and Innovation Awards

The ceremony is open to all delegates, visitors and exhibitors. Join us in the main conference theatre!

13:15 OPENING SESSION CLOSE. LUNCH BREAK & TIME TO VISIT THE EXHIBITION

Afternoon Session (16 Nov): EURO ROOM

SUSTAINABILITY

Chaired by **Simon Robinson**, Editor, Urethanes Technology International

14:30 How sustainable is the polyurethane value chain?

Daniel Saxton, Consultant, NexantECA

14:45 Intermediates with increased sustainability as raw materials for the polyurethane industry

Cosmin Contiu, Senior Product Manager BDO, PolyTHF® & Renewables, Marketing Intermediates, BASF SE

15:00 Logistics eats circular supply chains for breakfast

Walther Ploos van Amstel, Professor in Citylogistics, Amsterdam University of Applied Sciences

- 15:15 PU recycling technology**
[Kai Klockermann](#), R&D Director, Nitroil
Performance Chemicals
- 15:30 REFRESHMENT BREAK**
- 16:00 Sustainable solutions for the furniture industry**
[Albert Camp](#), Segment Lead
Furniture, BASF SE
- 16:15 The first industrial plant in Europe to recycle end-of-life PU mattresses into polyols**
[Mila Skokova](#), Sales & Product
Manager, H&S Anlagentechnik
- 16:30 Towards circularity in recycling of mattresses**
[Vikas Aggarwal](#), Manager Waste
Management for Circular Economy
Innovations, BASF SE
- 16:45 Sustainability approach for future polyurethane solutions**
[Oliver Geiger](#), Senior Manager
Sustainability - Performance
Materials Europe BV, BASF SE
- 17:00 SUSTAINABILITY SESSION
CLOSE**
- Afternoon Session (16 Nov): FLORIN ROOM**
- CASE - COATINGS, ADHESIVES,
SEALANTS & ELASTOMERS**
- Chaired by [Norman Keane](#), Director of
Innovation, Ingevity
- 14:15 New polycaprolactone polyols for soft polyurethane applications**
[Norman Keane](#), Director of Innovation,
Ingevity
- 14:30 A new bio-based polyurethane**
[Gerry King](#), Head of Technical
Services & Application Development –
EMEA, LANXESS
- 14:45 Synthesis and characterisation of elastomeric polyurethanes based on poly (diethylene glycol terephthalate) diols**
[Rodrigo Navarro-Crespo](#),
Postdoctoral Researcher, Institute
of Polymer Science and Technology
(ICTP-CSIC)
- 15:00 Particle foam meets 3D printed lattice-combining improved sustainability and performance**
[Ulrike Groenhagen](#), Team Leader,
Product Development for Infinergy,
BASF Polyurethanes GmbH
- 15:15 Low-free urethane prepolymers as building blocks for high performance protective coatings**
[Christopher Woodcock](#), Application
Development & Technical Service
Manager, LANXESS
- 15:30 REFRESHMENT BREAK**
- 16:00 Polybutadiene based polyurethane compatibility with different types of mineral oils**
[Anna Eriksson](#), Technical Manager,
NYNAS
- 16:15 Hot cast / cold cure polyurethane**
[Gerry King](#), Head of Technical
Services & Application Development,
LANXESS
- 16:30 Tailor-made additives for PU frothing technology**
[Michael Klostermann](#), Technical
Manager Advanced Polyurethanes,
Evonik Operations-Specialty
Additives
- 16:45 Water-based polyurethane dispersions with high levels of Nuolve engineered polysaccharides in-application in wood coatings**
[Ibrahim Sendjarevic](#), Business
Development Director, Troy
Polymers

17:00 Circular economy solutions for the mining industry

Aurelie Perrenot, Global Head of Application and Development, Covestro Elastomers

17:15 Water-based adhesion promoter systems for surface-treated polyolefins

Jochen Frank, Global Business Development Manager, LANXESS Deutschland

17:30 New polyurethane regulations? Challenge accepted!

Sven Reimann, Department Manager Polyurethanes, Sika Technology

17:45 CASE SESSION CLOSE

12:00 Innovative PU solution for the bedding industry

Martin Baumert, Director, Head of Technical Development, BASF SE

12:15 Reactive amine catalyst for low compression sets, low aldehyde emission and low odour for flexible polyurethane foams

Roger van Maris, Sales and Business Development Manager, Tosoh Europe B.V.

12:30 The future of additives for bedding and furniture

Marcel Hartmann, Business Manager Europe - PU Additives, Momentive Performance Materials

12:45 FLEXIBLE FOAMS SESSION CLOSE

Morning Session (17 Nov): FLORIN ROOM

RIGID FOAMS PART 1

Chaired by: Grazyna Mitchener, Director, PolyChemTech

10:30 Novel aromatic polyol and its application in rigid foam formulation

Peter Groome, R&D Director, Jiahua Chemicals

10:45 New phosphorus based flame retardants for rigid polyurethane foams

Heiko Tebbe, Head of Application Technology EMEA – BU Polymer Additives, LANXESS Deutschland

11:00 BioCool household refrigerators based on soy-oil based rigid polyurethane foam insulation

Orcun Yucel, R&D Sr. Specialist, Arcelik

11:15 Novel elastocool solutions meet higher energy efficiency standards

Martin Baumert, Director, Head of Technical Development, BASF SE

**DAY TWO – WEDNESDAY
17 NOVEMBER 2021**

Morning Session (17 Nov): EURO ROOM

FLEXIBLE FOAMS

Chaired by Michel Baumgartner, Secretary General, EUROPUR/EUROMOULDERS

10:30 Design of PU foams for hydroponic horticulture

Angel Marcos-Fernandez, Researcher, Instituto de Polimeros (CSIC)

10:45 Evaluation of parameters that impact compression set

Daniela Hermann, Technology Manager Comfort, Evonik Operations

11:00 Antioxidants and scavenging technologies to reduce emissions and odor in polyurethane foam

Herbert De Breuck, Global Polyurethane Technical Lead, Milliken Europe

11:15 REFRESHMENT BREAK

11:30 REFRESHMENT BREAK

12:00 Introducing a low GWP two component low pressure PU foam
 Yvo Trimbos, R&D Team Leader & Technical Product Manager, Soudal

12:15 Additives to enhance the thermal insulation performance of polyisocyanurate foams
 Pierre Chaffanjon, Technology Manager Polyurethane Additives, Momentive Performance Materials

12:30 Customer case study demonstrating the benefit of incorporating aromatic polyether polyols in rigid foams
 Steve Crain, PMP, Business Development Leader, Bakelite Synthetics

12:45 The advantages of combining methylal with HFOs: spray foams as a typical example
 Michel Beaujean, Senior Scientific and Technical Advisor, Lambiotte

13:00 RIGID FOAMS PART 1 SESSION CLOSE
Afternoon Session (17 Nov): EURO ROOM
ISOPA REGULATION SESSION


Chaired by: [Joerg Palmersheim](#), Secretary General, ISOPA & ALIPA

14:30 Restriction on diisocyanates – Our digital platform
[Frank van Elten](#), Training Consultant

14:45 Walk the Talk Programme & Driver Training ISOPA – The way ahead
[Kristine Dewaele](#), Counsellor, Project & Office Manager, ISOPA & ALIPA

15:00 Regulatory update – the OEL setting on diisocyanates in particular
[Ronald van den Bosch](#), EH&S Issue Management, Dow Benelux BV

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15:15 Chemical strategy for sustainability
[Joerg Palmersheim](#), Secretary General, ISOPA & ALIPA

15:30 ISOPA SESSION CLOSE & REFRESHMENT BREAK
POLYUREA

16:00 Fast-curing industrial polyurea adhesives for lightweight particleboards
[Thomas Wolf](#), Head of Business Development, Nolax

16:15 Polyurea, a retrospective
[Kai Klockemann](#), R&D Director, Nitroil Performance Chemicals

16:30 POLYUREA SESSION CLOSE
Afternoon Session (17 Nov): FLORIN ROOM
SCIENCE

Chaired by [Simon Robinson](#), Editor, Urethanes Technology International

14:30 Predicting the properties of thermosetting polyurethanes using atomistic simulations
[Laura Katharina Scarbath-Evers](#), Materials Science Applications Scientist, Schrodinger

14:45 Nature-inspired impact absorbing polyurethanes

Grazyna Mitchener, Director, PolyChemTech

15:00 Fire dynamics simulations of large-scale fire performance of PU rigid foams based on small-scale thermal analysis

Xiaodong Guo, Computational Materials Research Scientist, Huntsman Polyurethanes

15:15 PPE oligomers for improved PU materials

Antonello Cerullo, Sr. Business Development Manager Additives Europe, SABIC

15:30 SCIENCE SESSION CLOSE & REFRESHMENT BREAK

PROCESS & MACHINERY

16:00 Solutions for handling multiple polyol formulations in high pressure PU dosing machines

Stefano Verga, Sales Manager, Insulation, Cannon

16:15 OSV solutions for R&D and laboratory applications

Yuriy Shafran, Co-founder, OSV

16:30 Solutions for handling solid filled formulations in high pressure PU dosing machines

Stefano Andreolli, Sales Manager Automotive Applications, Cannon

16:45 PROCESS & MACHINERY SESSION CLOSE

**DAY THREE – THURSDAY
18 NOVEMBER 2021**

Morning Session (18 Nov): EURO ROOM

AUTOMOTIVE

Chaired by Simon Robinson, Editor, Urethanes Technology International

10:30 A new era in seating comfort with a thin foam technology that delivers an initial soft feeling

Christophe Ponce, TS Manager PU Automotive Seating and Flex Foam, Huntsman

10:45 Improving resistance towards hydrolysis in automotive moulded foams, with performance additives

Felix Muehlhaus, Technical Manager, Evonik Specialty Additives

11:00 Saving CO₂ – impact of release agents for moulded flexible foam on the fight against climate change

Marc Shurmann, Head of R&D, Release Agents, Bomix Chemie

11:15 Reduction of emissions in the car interior thanks to optimised polyurethane systems

Maximilian Joost, R&D PU Specialty Foams, BASF SE

11:30 Low emission flexible foam technology meets most stringent automotive requirements

Annelies Vandeveld, Technical Manager, Global Technology & Innovation, Huntsman

11:45 REFRESHMENT BREAK

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12:30 Hybrid mold release agents for polyurethane foam: innovation, state of the art, application and their impact on the environment
[Angel Rodriguez](#), R&D Technician of Release Agents, Concentrol

12:45 Understanding PU- novel approaches for the acquisition of process dependent material data
[Florian Kessler](#), CEO, cellEQ

13:00 Silicone surfactants for low content of aldehyde and aromatic emissions PU foam
[Josep Nadal](#), Technical Manager, Concentrol

13:15 AUTOMOTIVE SESSION CLOSE & CONFERENCE CLOSE

Morning Session (18 Nov): FLORIN ROOM

RIGID FOAMS PART 2

Chaired by [Grazyna Mitchener](#), Director, PolyChemtech

10:30 Strategies to improve thermal insulation of rigid foams containing HFOs
[Josep Gimeno](#), Technical Manager Europe, Honeywell

10:45 New additive solutions for PIR rigid foams
[Martin Glos](#), Technology Manager Insulation EMEA, Evonik Operations

11:00 Advancements in rigid foam using a novel and sustainable PU additive
[Geert Dries](#), Technical Manager Urethane Chemistries, Huntsman Performance Products

RIGID SPRAY

11:15 Bio-sourced raw material in HFO blown foam for the spray foam industry
[Anne Pigamo](#), R&D Development Manager, ARKEMA
[Antoine Gimenez](#), R&D Engineer, TPF Industrie

11:30 Exploring novel bismuth complexes for polyurethane catalysis
[Michael Washington](#), Technical Manager, Reaxis

11:45 A new type of reactive non-isocyanate foam (NIF)
[Stefan Haubenreisser](#), R&D Manager, INPUT – Institute for Polyurethane Technology GmbH

12:00 REFRESHMENT BREAK

12:30 New generation water-based spray foam with closed cell structure
[Zeynep Cetin](#), Research & Development, Ravago Turkey

12:45 Next generation amine catalyst for improved system stability with hydrofluoroolefin (HFO) blowing agent
[Sven Gahrens](#), Technical Manager Insulation, Evonik Operations

13:00 Sustainable feedstock based rigid PU foam cryogenic insulation
[Mikelis Kirpluks](#), Senior Researcher, Latvian State Institute of Wood Chemistry

13:15 RIGID SPRAY SESSION CLOSE & CONFERENCE CLOSE

Time to Visit the Exhibition

UTECH Europe / Crain Communications reserve the right to cancel or alter the programme at any time.

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