THE EUROPEAN
Biopolymer Summit
14 & 15 FEBRUARY 2018  DUSSELDORF, GERMANY

Innovations in Biopolymers across the Supply Chain from Packaging to Automotive

Key Topics
- Environmental Policy Impact on Biopolymer industry
- Brand Owners and Retailers Perspective on the Growing Role of Biopolymers
- Commercialisation & Market Access
- Pioneering New Processes & Technologies
- Biopolymers Production Case Study
- Exploring the Excellence
- Challenges of Sourcing Sustainable Feedstock used in Production of Bio-based Polymers

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Speakers
David Thomas, Senior Scientist, VTT, Finland
Soren Kristiansen, Sr. Technology Director Materials, LEGO
Maira Magnani, Advanced Materials & Processes
Ford Research & Innovation
Christophe Cabarray, Chief Executive Officer & Founder SpecialChem S.A
Lidia Garcia, Head of Biopolymers, BARBARA Coordinator, AITIPP
Patrick Zimmermann, Director Global Marketing, FKuR Kunststoff GmbH
Berta Gonzalvo Bas Head of Research, AITIPP

Event Sponsors:

For Information & Registration: Mohammad Ahsan +44 (0) 203 141 0606 / mahsan@acieu.net
For Commercial Opportunities: Kristina Gyulavari:+36308550782 / kvari@acieu.net
The 5th Edition of ACI’s European Biopolymer Summit will be taking place in Dusseldorf on 14th – 15th February 2018. The two day event specially designed to bring together senior executives, key industry experts, researchers and bioplastic manufacturers, to exchange and share their experiences and research results on all aspects of bioenvironmental polymer engineering, most recent innovations, trends and concern as well as solutions adopted in the sector.

It also provides platform to meet experts from other industries such food & beverage, product & packaging and automotive to discuss the latest strategies on commercialisation, application and market access of biopolymer products and methods to overcome current market challenges and maximise the opportunities.

The previous editions brought together industry professional from companies including Novamont, BASF, Biotec, Nature Work, BIO Amber, Braskem, DuPont, Kaneka, Nestlé, Danone, Nippon Gohsei Europe GmbH, Corbion, FkuR Kunstoff GmbH and many more.

Confirmed Topics for Discussion:

- Environmental Policy Impact on Biopolymer Industry
- Brand Owners and Retailers Perspective on the Growing Role of Biopolymers
- Polymer Fundamentals: the Best Performing Features of the Design and Properties of Biodegradable polymers
- Commercialisation & Market Access
- Next Generation Polymers: Biopolymers with Advanced Functionalities for High Performance Applications
- Pioneering New Processes & Technologies
- Biopolymers Producers Case Study: Exploring the Excellence
- Challenges of Sourcing Sustainable Feedstock used in Production of Bio-based Polymers

Who Will Be Attending?

This inner circle conference is a must attend event for bio based manufacturing executives interested in learning how to most efficiently uniting collaborations across the entire bio-plastic value chain to come together to learn more about the innovations emerging in a host of markets.

Director of R&D, Director of Materials & Manufacturing Advanced Programs, Advanced Manufacturing, Engineering, VP Technology, Sales and Marketing Director.

Registration is Simple

If you would like to register for this event or wish to find out more information, contact Mohammed Ahsan +44 20 3141 0606 mahsan@acieu.net

For Speaking Opportunities

If you would like to be considered as a speaker at the event for a 20-45 minute presentation, please submit an abstract for consideration to: Dana Mukanova + 44 (0) 20 3141 0611 / dmukanova@acieu.net

Commercial & Sponsorship Opportunities

With leading companies and organisations from the Bio-based industry attending and speaking at our event, we have the perfect vehicle to provide outstanding exposure to a senior level audience.

There are varying sponsorship packages available, including sponsorship of a cocktail reception on the first evening of the event and sponsorship of a networking lunch.

For further details, please contact: Kristina Vari +36(0) 30 855 0782 / kvari@acieu.net
The European Biopolymer Summit 2018
Dusseldorf, Germany

DAY 1
Wednesday 14th February

08:00  REGISTRATION & COFFEE

09:00  CHAIRMAN’S OPENING REMARKS

Drilon Na Shifer
Deputy Secretary General
Eubia European Biomass Association

09:15  CONFERENCE PRESENTATION
BARBARA project: Biopolymers with advanced functionalities for building and automotive parts processed through additive manufacturing

- Other EU programmes where biopolymers are relevant in H2020-SC2, H2020-KBEE, H2020-CIRC, SPIRE PPP, LIFE
- The framework of BARBARA: Introduction to the BioBased Industries PPP (BBI and BIC) and the strategic agenda SIRA
- Materials, prototypes and pilot validation
- The creation of new value chains and markets

Lidia Garcia
Head of Biopolymers
BARBARA Coordinator
AITIP

10:00  SESSION ONE
Challenges of Sourcing Sustainable

Valorising alternative feedstocks into marketable products. The case of Funguschain and Citruspack projects

- Introduction to main feedstocks to produce biopolymers: the matrix and the reinforcements
- Alternative feedstocks: the frame of Funguschain and Citruspack
- The problem to overcome
- Valorisation of mushroom agrowaste
- The cascading approach concept: obtaining high added value molecules
- Valorisation of citrus agrowaste

Berta Gonzalo Bas
Head of Research
AITIP

10:30  • KaRMA 2020 The project, funded in the frame of EU Horizon2020
- Chicken feathers: an alternative source of raw materials
- Biomass waste as feedstock source.
- Chicken feathers: challenges and limitations to be used as feedstock.
The experience of KaRMA2020

Sarah Montes
Coordinator of KaRMA2020 Project Polymers & Composite Unit CIDETEC

11:00  Panel Q&A

11:15  MORNING REFRESHMENTS

SESSION TWO
Brand Owners & Retailers Perspectives on the Growing Role of Biopolymers

The voice from products & packaging, food & beverage and automotive industries discussing insights of market induction and new applications of bio sources materials

- Brand owners requirements and needs
- Successful stories of biopolymer applications in automotive industries
- Opportunities for biopolymers producers to meet retailers and brand owners needs

Maira Magnani
Advanced Materials & Processes Ford

12:15  Lego Perspective and Plans in regards to Sustainable Materials

- Successful stories of biopolymer applications
- Opportunities for biopolymers producers to meet brand owners needs

Søren Kristiansen
Sr. Technology Director Materials LEGO

LEADERS IN CONFERENCE PLANNING & PRODUCTION
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12:45  Case Study: Partnership in the value chain enabling innovation and accelerating
   BioAmber’s Bio-Succinic acid: an important renewable building block for bioplastics
   - Performing urethane-based thermoplastic bioplastics with reduced environmental footprint commercialized by a leading player in
   - Joining forces with Brand owner in the value chain for successful innovation and commercialization of renewable materials in footwear
   - Strategic collaboration for innovation and integration of the value chain.

   Wladimir Moraes
   Marketing Director
   BioAmber

   Paola Scopel
   Product Manager
   TP Trinseo TPE Solutions U/PU

13:15  Panel Q&A

13:35  LUNCH

14:35  CONFERENCE PRESENTATION
   About Thinkstep: Sustainability Consulting and Software

   Fabian Loske
   Consultant and LCA specialist
   Thinkstep

15:10  Case Studies: How digitalization can accelerate biopolymer innovations
   - How traditional stage-gate is outperformed by new agile and digital R&D methodologies
   - Leveraging digital channels to find new attractive markets based on the right market feedback
   - What the most advanced companies are doing today
   - How to validate new product prototypes before launch and find highly motivated validation Methodologies to use and the results you could expect

   Christophe Cabarry
   Chief Executive Officer & Founder
   SpecialChem S.A

15:35  PANEL DISCUSSION
   Commercialisation & Market Access
   - Biopolymers producers, brand owners and retailers join discussion on meeting needs of all stakeholders
   - Addressing the practical needs for commercialisation
   - Overcoming the key barriers

   Maira Magnani
   Advanced Materials & Processes
   Ford

   Wladimir Moraes
   Marketing Director
   BioAmber

   Christophe Cabarry
   Chief Executive Officer & Founder
   SpecialChem S.A

16:20  AFTERNOON REFRESHEMENTS

16:50  SESSION THREE
   Certification and Standardisation
   Certified Renewable Polyolefines
   - Sustainability challenges in the industry
     - The SABIC concept of certified renewable Polyolefines
     - New Opportunities in the polymer industry

   Gert Cauw
   New Business Development and Innovation Manager
   SABIC
Creating a standards community for market success - Standardization in Nanotechnologies

- Standardisation differences between European and International markets
- How to be informed or participate in the standardization work to develop safe products?
- Focus on Nanotechnology work (Labelling, Characterization and measurands, Detection and identification, Waste, European research projects, International work,

Patrice Conner
Senior Project Manager
AFNOR

Practical Solutions for Fully Traceable and Deforestation-Free Supply Chains of Bio-based Polymers

- Challenges to the creation, maintenance and control of sustainable supply chains for feedstocks used in the production of bio-based polymers
- Sustainability certification of global supply chains (chain of custody, co-products claims, establishment of sustainable supply chains
- Mapping, assessing and controlling global supply chains through the Global Risk Assessment Services

Norbert Schmitz
Managing Director
ISCC System GmbH

Panel Q&A

CLOSE OF DAY ONE

DAY 2
Thursday 15th February 2018

08:30 REGISTRATION & COFFEE
09:00 CHAIRMAN’S OPENING REMARKS

Drilona Shijofri
Deputy Secretary General
Eubia European Biomass Association

09:10 SESSION FOUR
Biopolymer Producers Case Studies: Exploring the Excellence

- From Sugar to Nylon with Muconic Acid
  - Exploiting sugar to produce the biobased monomer muconic acid for polyamides /nylons
  - New approaches to R&D

David Ithamar
Senior Scientist
VTT Technical Research Centre of Finland

09:40 Biopolymers for Technical Applications
Parity Bio-based PP and TPE Compounds

- Developments of parity bio-based PP and TPE Compounds
- Opportunities with Biopolymers

Patrick Zimmermann
Director Global Marketing & Sales
FKuR Kunststoff GmbH

10:10 MORNING REFRESHMENTS

10:40 Avantium’s bio-based MEG (mono-ethylene glycol) technology

Elco Blum
Vice President of Business Development
Avantium
11:05

Biobased polymers and formulations for fiber reinforced composites and polyols for polyurethane formulations
- Industrial purification and functionalization of naturally occurring phenolic materials
- Use of natural phenolic derivatives in fiber-reinforced composites and polyurethanes
- Formulation of durable, high biobased content polymer systems
- Performance improvement over benchmark formulations

Elena Benedetti
Product Application
AEP Polymers Srl

11:30

Drop-in biobased petrochemical building blocks from fermentation
- fermentation to drop-in C3 and C4 petrochemical building blocks
- alternative biobased feedstocks: crop-based, residues

Luc Mathis
Chief Business Officer
Global Bioenergies

11:55

Panel Q&A

12:15

LUNCH

13:15

SESSION FIVE
Next Generation Polymers with Advanced Functionalities

Polysaccharides are important biopolymers with a wide range of industrial and consumer product applications
- The enzymatic polymerization process
  - new polymerization process, key advances towards first commercial introduction

Christian Lenges
Business Development Manager
DuPont

13:40

Market potential with enhanced PLA & end-of-life options

Bert Clymans
Business Development Manager
Total Carbon

14:05

Next generation polymers: High quality bioplastic with superior properties for the packaging industry

Patrick Schifflers
CEO
Synvina SA

14:30

Panel Q&A

14:50

SESSION SIX
Waste Management and Recycling

Compostability of biopolymers
- Compatibility of biopolymers with current recycling scheme
- Biodegradable application value chain in waste collection
- Achieving the goal of zero waste
- The importance of combined composting & recycling strategies

Sam Deconinck
Lab Manager
Organic Waste Systems

15:20

Bio-based plastics in the post-consumer-recycling stream

Jasmin Bauer
Project Manager
Knoten Weimer

15:45

Panel Q&A

16:05

CHAIRMAN’S CLOSING REMARKS
END OF CONFERENCE & AFTERNOON REFRESHMENTS
Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact Mohammad Ahsan

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mashan@aci-eu.net
www.wplgroup.com/aci/

Terms & Conditions

Payment
Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call +44 20 3141 0606

Cancellations
Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

Accommodation
The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.