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Tentative Program

5th International Conference on

# SUSTAINABLE BIOPLASTICS

July 20-21, 2017 Munich, Germany

*Theme: "An Improved Plastics for a Healthier Environment"*



## **For Available Speaker Slots**

bioplastics@conferenceseries.com


**Conference Secretariat**

Conference Series LLC 2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Tel: +1-888-843-8169, Fax: +1-650-618-1417, Ph: +1-650-268-9744, Toll free: +1-800-216-6499

Email: bioplastics@conferenceseries.com

5th International Conference on

# SUSTAINABLE BIOPLASTICS

July 20-21, 2017 Munich, Germany

**Program at A Glance**

## Day 1

| | | | |
|---|---|---|---|
| Morning Sessions | **Reception/Registration** | **08.00-09.00** | |
| | | **Time** | **General Session** |
| | Least of 3 Keynote/Plenary Talks | 09.00-09.15 | Inaugural Address |
| | | 09.15-09.45 | Keynote/Plenary Talk 1 |
| | | 09.45-10.15 | Keynote/Plenary Talk 2 |
| | | 10.15-10.45 | Keynote/Plenary Talk 3 |
| | Panel Discussions/Group Photo | | |
| | **Coffee/Tea Break 10.45-11.00 (Networking)** | | |
| | 11.00-12.40 | 5 Speakers (20 Mins Each) | |
| | | | |
| Evening Sessions | **Lunch Break 12.40-13.30** | | |
| | 13.30-15.30 | 6 Speakers (20 Mins Each) | |
| | | | |
| | **Coffee/Tea Break 15.30-15.45 (Networking)** | | |
| | 15.45-17.25 | 5 Speakers (20 Mins Each) | |

## Day 2

| | | | |
|---|---|---|---|
| Morning Sessions | **Time** | **Session 1** | **Session 2** |
| | 09.00-10.40 | 5 Speakers (20 Mins Each) | 5 Speakers (20 Mins Each) |
| | | | |
| | **Coffee/Tea Break 10.40-10.55 (Networking)** | | |
| | 10.55-12.35 | 5 Speakers (20 Mins Each) | 5 Speakers (20 Mins Each) |
| | | | |
| Evening Sessions | **Lunch Break 12.35-13.25** | | |
| | 13.25-15.05 | 5 Speakers (20 Mins Each) | 5 Speakers (20 Mins Each) |
| | | | |
| | **Awards & Closing Ceremony** | | |

**NOTE: Program Schedule is subject to change with final allotment of the speaker slots**

# *Glimpses of Biopolymer Conferences*























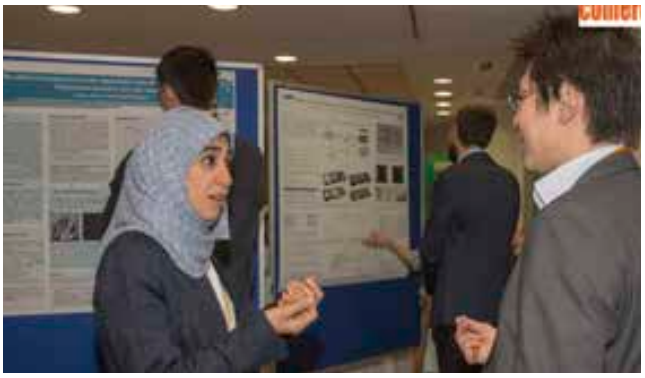











































Welcome






SUSTAINABLE
BIOPLASTICS
2016






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# TOURIST DESTINATIONS IN MUNICH, GERMANY



Antiquarium of Munich Residenz



BMW Museum



Bode Museum Island River



Brandenburg Gate



Heidelberg Castle and Bridge



Olympiapark



Phantasialand

# Major Scientific Sessions

- Bioplastics from natural polymers
- Biodegradability, compostability and bioplastics
- Green Plastics: An Introduction to the New Science of Biodegradable Plastics
- Thermoplastic and thermosetting bioplastics
- BioBased Re-Invention of Plastics
- Advances in Bioplastics
- Applications of Bioplastics
- Nanotechnology for bioplastics
- Plastic Pollution and Waste Management

## Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



## Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
bioplastics@conferenceseries.com

## Conference Venue

Munich, Germany


**Contact us**
**America: Conference Series LLC**
**Bioplastics 2017**
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
Toll free: +1-800-216-6499
Email: bioplastics@conferenceseries.com

**Contact us**
**UK: Conference Series LLC**
**Bioplastics 2017**
Heathrow Stockley Park Lakeside House
1 Furzeground Way, Heathrow
UB11 1BD, UK
Tel: +1-800-216-6499
Email: bioplastics@conferenceseries.com

**Contact us**
**Asia-Pacific: Conference Series LLC**
**Bioplastics 2017**
**Divyasree Building, Raidurg**
**6th Floor, North Block**
**Hyderabad 500032, INDIA**
**Tel: 040-33432309**
Email: bioplastics@conferenceseries.com



## Conference Venue

Munich, Germany

Munich is the capital and largest city of the German state of Bavaria, on the banks of River Isar north of the Bavarian Alps. Munich is the third largest city in Germany, after Berlin and Hamburg and the 12th biggest city of the European Union with a population of above 1.5 million. The city is a major centre of art, advanced technologies, finance, publishing, culture, innovation, education, business, and tourism in Germany and Europe and enjoys a very high standard and quality of living, reaching in Germany and worldwide according to the 2015 Mercer survey. According to the Globalization and World Rankings Research Institute Munich is considered an alpha-world


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**America: Conference Series LLC**
**Bioplastics 2017**
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**UK: Conference Series LLC**
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Heathrow Stockley Park Lakeside House
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802nd Conference

*Scientific Program*

4th International Conference on

# Sustainable Bioplastics

November 10-11, 2016 Alicante, Spain




**Hosting Organization: Conference Series LLC**
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-702-508-5200, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

**Conference Series Ltd**
Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499
Email: bioplastics@conferenceseries.com; bioplastics@conferenceseries.net

## Day 1 November 10, 2016

**08:30-09:30** **Registrations**

**Terra Lucis**

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# Opening Ceremony

## Keynote Forum

**Introduction**

**Title: Plantics: Plastics made from plants**

**Gadi Rothenberg,** University of Amsterdam, Netherlands

**Title: Biomass waste- A source of raw materials and nanocellulose**

**Matjaž Kunaver,** National Institute of chemistry, Slovenia

Group Photo & Coffee Break

Workshop

**Avantium renewable chemistries update**

**Alan A Smith,** Avantium Renewable Chemistries, Netherlands

Sessions: **Biobased Chemicals & Bioplastics | Noble Advances in Bioplastics | Methods of production of Bioplastics**

**Session Chair: Maximilian Lackner,** University of Applied Sciences FH Technikum Wien, Austria

Session Introduction

**Title: Characterization and biodegradation of lactate-based polymer biosynthesized from renewable carbon sources**

**Seiichi Taguchi,** Hokkaido University, Japan

**Title: Market development of Kaneka biopolymer PHBH**

**Kenichiro Nishiza,** Kaneka Belgium N.V, Belgium

**Title: Novel bio-based elastomeric polymer based on semi-interpenetrating poly (3-hydroxyalkanoate)s and sunflower oil using a trithiol as crosslinking agent**

**Carine Mangeon,** Université Paris Est, France

**Title: Development of stable recombinant cyanobacteria for economically competent solar-fuel-factories: ethylene production**

**Veronica Carbonell,** University of Turku, Finland

Panel Disscussion

Lunch Break

Exhibitor Presentation

**Braskem**

**Brendan,** Braskem, Brazil

Sessions: **Biomaterials & Biopolymers | Plastic Pollution and Waste Management | Bioplastics Products**

**Session Chair: Valerie Langlois,** University Paris VI, France

**Title: Biopolymers based multifunctional composite systems by electrospinning technique**

**Ilaria Cacciotti,** University of Rome "Niccolo Cusano", Italy

**Title: Tailoring functional PHA-based materials for biomedical applications**

**Valerie Langlois,** University Paris Est (UPEC), France

**Title: Biodegradable and compostable materials for packaging applications**

**Pilar Villanueva,** AIMPLAS, Spain

Networking & Refreshment Break

**Title: Reconstitution of collagen triple helix in physically crosslinked hydrogels and films**

**Daniel Brannum,** Case Western Reserve University, USA

**Title: Novel bio-based active release materials for biomedical applications**

**Tina Modjinou,** Université Paris Est, France

Panel Disscussion

## Day 2 November 11, 2016

### Terra Lucis

### Keynote Forum

**Title: PBAT-A versatile material for biodegradable and compostable packagings**
**Maximilian Lackner,** University of Applied Sciences FH Technikum Wien, Austria

**Title: The development of commercial high-end applications of biopolymers**
**Bas Krins,** Applied Polymer Innovations BV, Netherlands

Networking & Refreshment Break

### Workshop

**Ttile: Extending polylactide applications by overcoming its drawbacks**
**M.Reza Nofar,** Istanbul Technical University, Turkey

Sessions: **Biocomposites | Applications of Bioplastics | Bioplastics Types**

**Session Chair: Bas Krins,** Applied Polymer Innovations BV, Netherlands

Session Introduction

**Title: Potential natural additives and agro-industrial by-products in biopolymer formulations for active food packaging**
**María Carmen Garrigós,** University of Alicante, Spain
**Title: Design of nanocomposites by interfacing biopolymers with metal oxides and metal organic frameworks (MOFs)**
**Nathalie Steunou, Université Paris Saclay, France**
**Title: Dynamic metabolic control analysis on *Cupriavidus necator* predicts effects of environmental conditions on PHB production from glycerol**
**Chenhao Sun,** The University of Manchester, UK
**Title: Biocomposites reinforced with nanocellulose/graphene hybrid nanofillers**
**Sarah Montes,** IK4-CIDETEC, Spain
**Title: Thermal characterization of vegetable tannin reinforced TPU-based bio-composites**
**Fatma ERDOGAN,** Ege University, Turkey
**Title: Towards a biomass based polymer industry: Synthesis, characterization and process optimization of bioderived renewable polyesters**
**Mónica Lomelí-Rodríguez,** University of Liverpool, UK

Panel Disscussion

Lunch Break

Sessions: **Bioplastics Types**

### Workshop

**Ttile: Advances in the use of biobased resources in polymer products**
**Dawn A. Smith,** Scion, New Zealand

Video Presentation

**Title: Properties of hydrochloric chitosan solutions modified with nano-calcium phosphate complex**
**Luciano Pighinelli,** Lutheran University of Brazil, Brazil
**Title: Innovation trend on sustainable bioplastics: the case of furanoate**
**Valentina Siracusa,** University of Catania, Italy

Poster Presentations

**BP 01** **Title: Study of frying oil use in biodiesel production, applying techniques of environmental management in university city UEMS/UFGD**
**Carmem Cicera Maria da Silva Campelo,** Federal University of Grande Dourados, Brazil

**BP 02** **Title: Study of the degree and speed of disintegration of PLA commercial grades as a function of material shape and thickness**
**Elena Domínguez Solera,** AIMPLAS, Spain

**BP 03** **Title: natural deep eutectic solvents based on choline chloride as a green plasticizer to produce chitosan based films**
**Hiléia K. S. Souza,** University of Porto, Portugal

| | |
|---|---|
| **BP 04** | **Title: Keratin-based biomaterials**<br>**Sarah Montes,** IK4-CIDETEC, Spain |
| **BP 05** | **Title: MDBP- Microbial degradation of bio-polymers**<br>**Asma Alhosni,** The University of Manchester, UK |
| **BP 06** | **Title: Influence of the water soluble polymer polyvinyl alcohol on compost and soil fungal communities**<br>**Somayeh Mollasalehi,** University of Manchester, UK |
| **BP 07** | **Title: Flexible Edible Films based on babassu: Physical and Barrier Properties**<br>**Farayde Matta Fakhouri,** University of the Campinas, Brazil |
| **BP 08** | **Title: Effect pink pepper oil incorporation in the mechanical properties of gelatin films**<br>**Amanda Dambrós Pereira,** University Federal of Grande Dourados, Brazil |
| **BP 09** | **Title: Comparison of barrier properties and solubility films collagen based**<br>**Cristina Tostes Filgueiras,** Universidade Federal da Grande Dourados, Brazil |
| **BP 10** | **Title: Viability study the use of glycerol transesterified in the production of biofilms**<br>**Carmem Cicera Maria da Silva Campelo,** Federal University of Grande Dourados, Brazil |
| **BP 11** | **Biodegradability of thermoplastic resins based on P3HB biosynthesized from waste plant oil**<br>**Tomas Porubsky,** BUT, Czech Republic |

Networking & Refreshment Break

Award & Closing Ceremony



## Bookmark Your Dates

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# Sustainable Bioplastics

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Fax: +1-650-618-1417
america@conferenceseries.com

**Conference Series Ltd**
57 Ullswater Avenue, West End
Southampton, Hampshire
United Kingdom, SO18 3QS
Toll Free: +1-800-216-6499
europe@conferenceseries.com

**OMICS International**
6th Floor, North Block
Divyasree Building, Raidurg Hyderabad
Telangana, INDIA-500032
Tel: +91-40-33432300
asiapacific@conferenceseries.com

**Toll free**
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048