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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

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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





















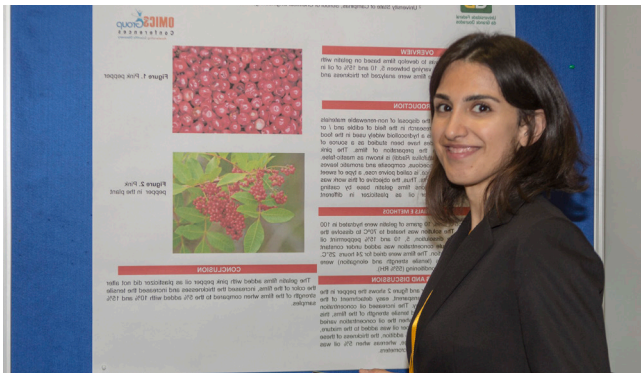


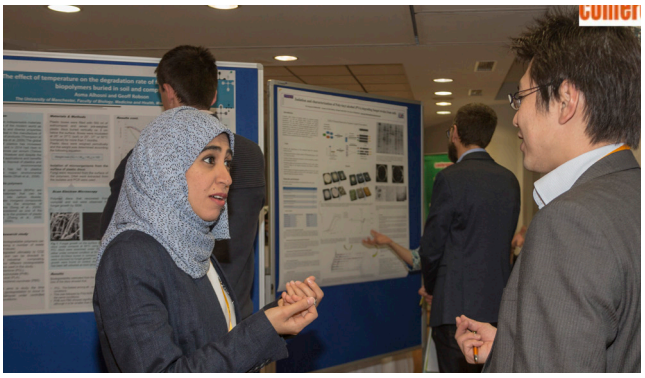



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OVERVIEW
MATERIALS AND METHODS
RESULTS AND DISCUSSION
CONCLUSION
REFERENCES


OMICS Group
Conferences






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Figure 1. Babassu fruit
Figure 2. Babassu fruit inside
Figure 3. Babassu mesocarp flour plasticizer, with 30% glycerol in relation to the mass of flour
Table 1. Results for thickness, the water vapor permeability (WVP) and water solubility
CONCLUSION
REFERENCES










Welcome

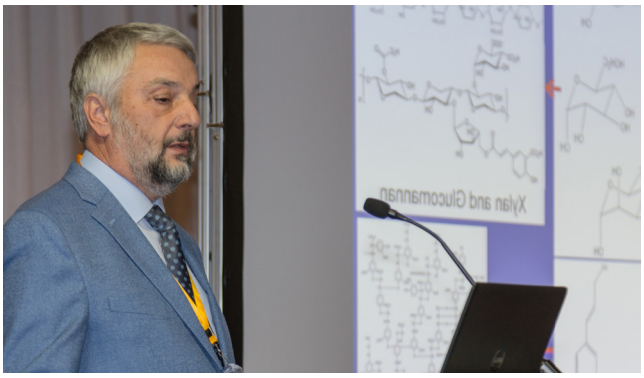

















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Welcome






WELCOME
SUSTAINABLE BIOPLASTICS 2016

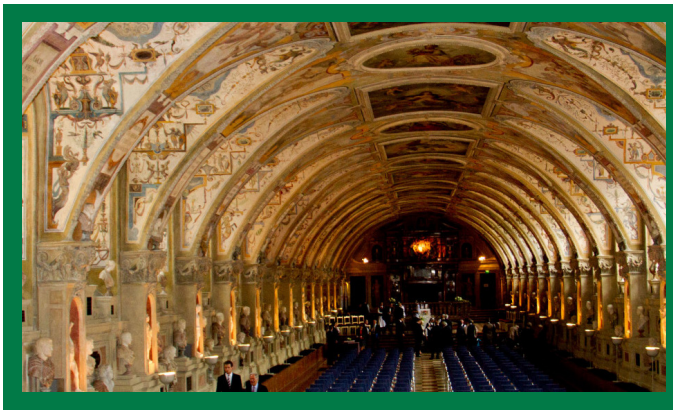





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TOURIST DESTINATIONS IN MUNICH, GERMANY



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

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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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802nd Conference

Scientific Program

4th International Conference on

Sustainable Bioplastics

November 10-11, 2016 Alicante, Spain



Hosting Organization: Conference Series LLC

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Day 1 November 10, 2016

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

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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

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

Networking & Refreshment Break

Award & Closing Ceremony



Bookmark Your Dates

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