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Tentative Program

5th International Conference on

BIOPLASTICS

August 07-08, 2017 | London, United Kingdom

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@chemseries.com

5th International Conference on

BIOPLASTICS

07-08, 2017 | London, United Kingdom

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)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	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)
	Lunch Break 12.35-13.25		
Evening Sessions	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 Bioplastics Conferences





















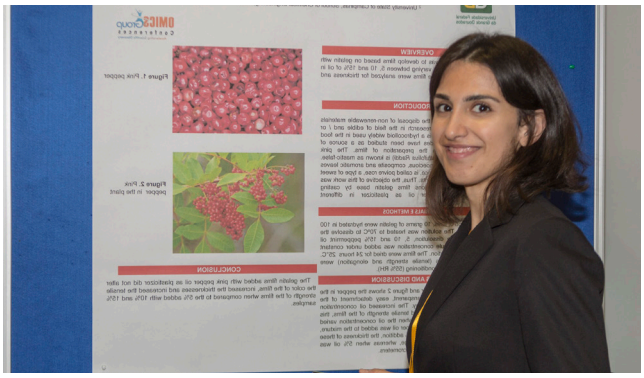


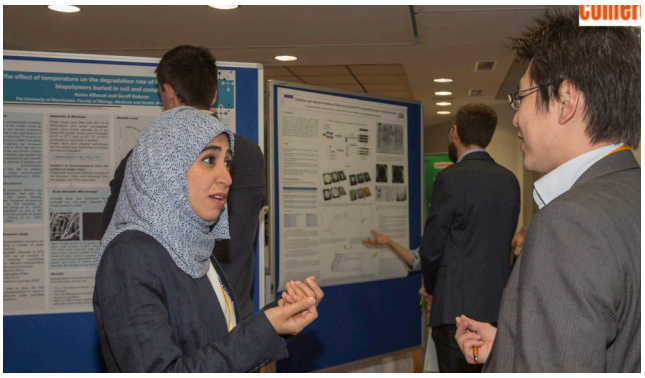



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OVERVIEW
MATERIALS AND METHODS
RESULTS AND DISCUSSION
CONCLUSION
REFERENCES


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

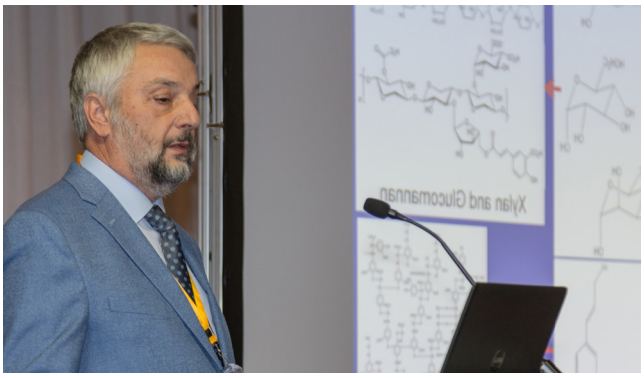

















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Welcome






WELCOME
SUSTAINABLE BIOPLASTICS 2016






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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

London, United Kingdom

Contact us
America: Conference Series LLC
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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

London, United Kingdom

London is the capital and most populous city of England and the United Kingdom. Standing on the River Thames in the south east of the island of Great Britain, London has been a major settlement for two millennia.

London is a leading global city in the arts, commerce, education, entertainment, fashion, finance, healthcare, media, professional services, research and development, tourism, and transportation. It is one of the world's leading financial centres and has the fifth- or sixth-largest metropolitan area GDP in the world. London is a world cultural capital. It is the world's most-visited city as measured by international arrivals and has the world's largest city airport system measured by passenger traffic. London is the world's leading investment destination, hosting more international retailers and ultra high-net-worth individuals than any other city. London's universities form the largest concentration of higher education institutes in Europe. In 2012, London became the only city to have hosted the modern Summer Olympic Games three times.

London has a diverse range of people and cultures, and more than 300 languages are spoken in the region

Contact us
America: Conference Series LLC
Bioplastics 2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
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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

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802nd Conference

Scientific Program

4th International Conference on

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**

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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 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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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