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ICB 2017

5TH INTERNATIONAL CONFERENCE ON

BIOPLASTICS

August 07-08, 2017 // London, United Kingdom

5th International Conference on Bioplastics



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bioplastics@chemseries.com

Bioplastics 2017

Invitation

Dear Attendees,

We are glad to announce the **5th International Conference on Bioplastics** to be held in **London, United Kingdom** from **August 07-08, 2017** organized by **Conference Series LLC, USA** in collaboration with generous support and cooperation from enthusiastic academicians and editorial Board Members.

This conference is a unique international platform that's a confluence of all stake holders of the ecosystem – Industry, Academia, Researchers, Innovators, Regulators – coming together to present and discuss current topics in Bioplastics, Biomaterial, BioProcess Research ,Material science, Chemical Engineering, Polymer Technology,Materials Manufacturing , biodegradable plastics, Biopolymer & Bioplastics and will be available to discuss with you the latest issues and trends in ***"An Improved Plastics for a Healthier Environment".***

As the premier event, we have developed a program with your interests in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more focused sessions that will feature cutting edge presentations, special panel discussions, and livelier interaction with industry leaders and experts.

Life is full of give and take. Make it count in your professional life. Attend the Bioplastics Conference to network with your peers, exchange expertise and experiences, and arm yourself with the latest information to take your department to the next level.

We look forward to personally welcoming you to **London** this March

Sincerely,
Bioplastics 2017
Organizing Committee

Bioplastics: An Improved Plastics for a healthier Environment

Bioplastics are plastics in which all carbon is derived from renewable feedstocks. They may or may not be biodegradable. Biobased plastics contain both renewable and fossil-fuel-based carbon. The percentage of biobased ingredients and the conditions under which the biobased product may biodegrade, if at all, vary widely. Products on the market are made from a variety of natural feedstocks including corn, potatoes, rice, tapioca, palm fiber, wood cellulose, wheat fiber, and bagasse. Products are available for a wide range of applications such as cups, bottles, cutlery, plates, bags, bedding, furnishings, carpets, film, textiles and packaging materials. In the US, the percentage of biobased ingredients required for a product to be referred to as biobased is defined by the USDA on a product-by-product basis. Bioplastics Conference 2016 is an event delivering the concept of the biobased world across the globe. In the present world where the use of conventional plastics, the consequences of plastic products use and the waste management of these products when they become waste, is a current and pressing issue. Concerns focus on the potential impact of conventional plastics they cause to the environment.

Importance & Scope:

Bioplastics play a vital role in our lives because of its uniqueness in properties and extended application in industries, packaging, sports, medicine, perfumes and preservatives, plastics, fuels, toys etc. Plastics are also used in the manufacture of Prosthetic devices and surgical equipment. The diversity of use is growing day by day. The history of Bioplastics is not a long one. They are beginning to emerge as a result of needing to be more responsible in taking care of the world we live in. Various reasons are associated with the research and development of Bioplastics. The use of biopolymers and bioplastics could markedly increase as more durable versions are developed, and the cost to manufacture these bio-plastics and composites continues to go fall. Bioplastics can replace conventional plastics in the field of their applications also and can be used in different sectors such as food packaging, plastic plates, cups, cutlery, plastic storage bags, storage containers or other plastic or composite material items you are buying and therefore can help in making environment sustainable.

Bioplastics have wide application in industries like aerospace, automobile etc. It also finds application in specific products like fishing rods,

bicycle, sports equipment etc. Traditional plastics are full of harmful by-products and chemicals, which are released during their breakdown process. Biodegradable plastics are completely safe and do not have any chemicals or toxins. This plastic harmlessly breaks down and gets absorbed into the earth. Such advantages of bioplastics are of extreme importance, as the toxic plastic load on the earth is growing and at this rate will cause a whole range of problems for future generations. Many Bioplastics societies have been developed in recent years. The aim of these societies is to foster scientific understanding and technical innovation in Bioplastics processing by providing a platform forum for the worldwide community of engineers and scientists in the field.

A glance at Market of Bioplastics:

Bioplastics are no longer the exclusive realm of biodegradable or compostable plastics made from natural materials such as corn or starch. In fact, bioplastics are also being applied to degradable petroleum-based plastics, natural-based plastics that are not necessarily biodegradable and plastics containing both petroleum-based and plant-based materials that could biodegrade or not. Growing public concern regarding the environment, climate change and constricted fossil fuel resources represent key drivers for governments, companies, and researchers to unveil safer alternatives to petroleum-based plastics.

The report reviews and analyses the worldwide market for Bioplastics for the global and the regional markets including North America, Europe, Asia-Pacific, South America and Rest of World. The regional markets further analyzed for 10 independent countries across North America - the United States, Canada, and Mexico; Europe - France, Germany, Italy, the United Kingdom and Rest of Europe; Asia-Pacific - China, Japan and Rest of Asia-Pacific; South America - Brazil and Rest of South America.

Bioplastic product categories analyzed in this study include Biodegradable Bioplastics - Starch-Based, Polylactic Acid and Other Biodegradable Bioplastics; and Non-Biodegradable Bioplastics. The report also analyses the global end-use markets for bioplastics comprising Packaging, Textiles, Agriculture, Medical, Electronics and other applications such as food service and automotive. The global market for Bioplastics to touch 1.9 million metric tons by 2017 from an estimated 264 thousand metric tons in 2007, growing at a CAGR of 22% during 2007-2017.

Market Analysis Report

The market for 2011 is estimated at 476 thousand metric tons and expected to reach 574 thousand metric tons.

Bioplastic types and application areas. The report also profiles 49 key global players and 58 major players across North America - 16; Europe - 20; Asia-Pacific - 19; and South America - 3. The report also provides the listing of the companies engaged in research and development, processing, supplies and distribution of Bioplastics. The global list covers the addresses, contact numbers and the website addresses of 231 companies.The global market size of bioplastics & biopolymers was USD 2.66 Billion in 2015 and is projected to reach USD 5.08 Billion by 2021. The market is projected to witness a CAGR of 12.0%, in terms of value, during the forecast period. In this study, 2015 is considered as the base year for estimating the market size of bioplastics & biopolymers. The market size is projected for the period between 2016 and 2021. The main objective of the study is to define, describe, and forecast the bioplastics & biopolymers market on the basis of type, end-use industry, and application. The report includes detailed information about the major factors influencing the growth of the market (drivers, restraints, opportunities, industry-specific challenges, and winning imperatives). The report strategically analyzes the market segments with respect to individual growth trends, growth prospects, and contribution to the total market. In the report, the market size is projected for the segments, in terms of value, with respect to five major regions (along with countries), namely, North America, Europe, Asia-Pacific, Central & South America, and the Middle East & Africa. Currently, bioplastics represent about one percent of the about 300 million tons of plastic produced annually. But as demand is rising and with more sophisticated materials, applications, and products emerging, the market is already growing by about 20 to 100 percent per year. According to the latest market data, the global production capacity of bioplastics is predicted to quadruple in the medium term, from around 1.7 million tons in 2014 to approximately 7.8 million tons in 2019. Biobased, non-biodegradable plastics, such as biobased PE and biobased PET, are the main drivers of this growth. More than 60 percent of the bioplastics production capacity worldwide in 2014 was biobased, durable plastics. This share will increase to over 80 percent in 2019. Production capacities of biodegradable plastics, such as PLA, PHA, and starch blends, are also growing steadily, nearly doubling from 0.7 million tons in 2014 to well over 1.2 million tons in 2019. PHA production will double by 2019 compared to 2014, due to a ramp-up of old and new capacities in Asia and the USA.

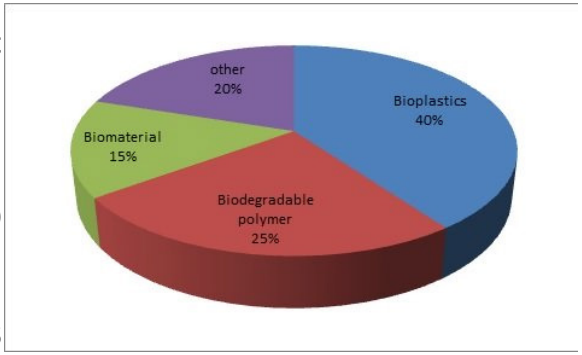
Market Analysis Report

Global level applications of Polymers in Various Industries:

Estimated Global Polymer Market Growth Rate by 2020:

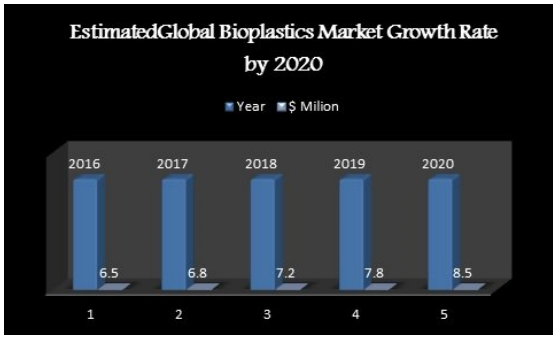
The Global High-Performance Bioplastics Market is poised to grow to more than 80 percent (7.5 million tons) in 2020. The study emphases on market trends, leading players, supply chain trends, technological innovations, key developments, and future strategies. The report provides broad market analysis across four major geographies such as North America, Europe, Asia-Pacific and Other parts of the globe.

As there is a need for eradication of plastics, there is an increase in the evolution of industries for Bioplastics. Bioplastics have found wide acceptance in various industries, on account of its distinguished environment-friendly properties. Bioplastics are now an important part of every sector Food tech, nanotech, chemistry, medical etc



Bioplastics are used in an increasing number of markets, from packaging, catering products, consumer electronics, automotive, agriculture, and toys to textiles and a number of other segments. bioplastics are predicted to expand in the medium term, from around 1.7 million tons in 2014 to approximately 7 million tons in 2019.

As there is a requirement for the eradication of plastics, there is an increase in growth of industries for Bioplastics. Bioplastics have found wide acceptance in several industries, on account of its distinguished environment-friendly properties. Bioplastics are now an important part of every sector Food tech, nanotech, chemistry, medical etc. There is an increase of 20% (approx.) in the production of Bioplastics products per year. The market of around 1.2 million tons in 2011 may see a five-fold increase in manufacture volumes by 2016, to almost 6 million tons. By 2020 Bioplastics production could rise to 12 million tons. It would be beneficial for all the students and Researchers whoever willing to enter into corporate worlds targeting to the respective fields. Be a part of it!!!



About Us

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Salient Features

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Our International Scientific Conferences

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- Accepted abstracts will be labeled with a Digital Object Identification Number (DOI) provided by Cross Ref
- Creation of speakers and abstracts pages in Google
- Opportunity to publish full Manu Scripts in our Open Access Journals

Special Issues : All accepted abstracts will be published inrespective Conference Series LLC Journals

Each abstract will be provided with digital Object Identifier by crossref

About Conference

- Bioplastics 2017 Conference website is attracting **25000+** Bioplastics Researchers, professors visitors ranging from Researchers, Academicians and Business professionals, who are working in this field. This unique opportunity that we extend to our speakers and attendees is not being offered by any other conference organizers. Through this the abstracts and research profiles of our speakers and organizing committee members getting global visibility which is an additional feature that you would be receiving in addition to networking opportunities before, during and after the conference.

How Conference Series Conferences differs from others?

- 3000+ Conferences across the globe in 30+ countries all through the year
- Over 25 Million+ Visitors and 20000+ Unique Visitors per conference
- Participation by Stalwarts from various international societies
- Internationally renowned speakers and scientists representation
- Career guidance for early career researchers and students
- Interesting scientific deliberations and discussions
- Perfect platform for Global Networking

Bioplastics 2017 salient features

- Meet Academia and Industry visionaries to get inspired
- Expand your knowledge and find solutions to problems
- Knowledge, Benchmarking and Networking offered at one place
- Forge connections and for global networking
- Highly Organized and Structured Scientific programs
- Poster presentations and world class exhibitions
- Meet with new vendors and suppliers



About Conference

Purpose

5th International Conference on Bioplastics is an arena for interdisciplinary exchange among professionals in the fields of Biomaterial, Bioplolymer & Bioplastics.

Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration. The goals of the conference is to provide a transformative professional development experience through
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about Bioplastics present the most recent research findings, and promote and enhance scientific collaborations around the world
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address regional, national and local responses to Elderly Population around the world and overcome barriers that limit access to care and services.

Objectives

After participating in this meeting, attendees should be able to

- Discuss emerging issues in Bioplastics
- Discuss and apply recent research findings related to Biopolymer & Bioplastics
- Discuss the recent research about Biocomposites & Biomaterial

About Conference

Who should attend

5th International Conference on Bioplastics is exclusively designed for Eminent Scientists of Chemical Engineering & Polymer Technology Bioplastics, Biomaterial, BioProcess Research Professors and research fellows Students from Material science, Chemical Engineering, Polymer Technology Directors of Plastics Manufacturing, Materials Manufacturing companies Biodegradable Engineers, Materials Processing Engineers, Chemical Engineers Members of different Bioplastics, BioMaterials associations.

About hosting organization

Conference Series is the world's leading specialist in organizing Academic, Scientific and Business conferences, meetings, symposiums and exhibitions in different verticals and horizontals like Medical, Pharma, Engineering, Science, Technology and Business to promote scientific research. Every year we host more than **3000+ global events** inclusive of **1000+ Conferences 1000+ Symposiums 1000+ Workshops** in **USA, Europe, Middle East and Asia** with the generous support and cooperation from our **30000+ Editorial Board Members, 1000+ Scientific Societies.** All the conference proceedings are published in the special issues of our **700+ Open Access International Journals** with the **DOI** provided by crossref

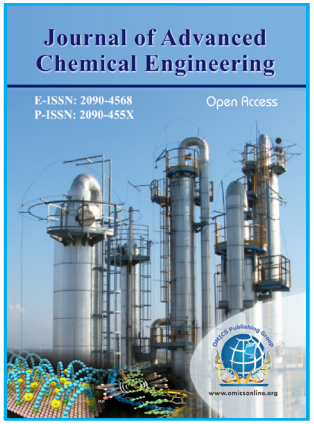
Major sessions

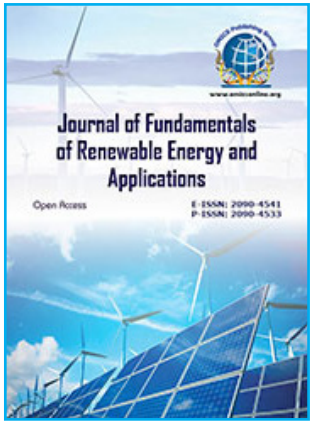
- Biobased Chemicals & Bioplastics
- Noble Advances in Bioplastics
- Methods of Production of Bioplastics
- Bioplastic Types
- Biocomposites
- Biomaterials & Bioploymers
- Plastic Pollution and Waste Management
- Applications of Bioplastics
- Bioplastics Products

About Conference

Supporting Journals

- Journal of Advanced Chemical Engineering
- Journal of Fundamentals of Renewable Energy and Applications
- Journal of Bioremediation & Biodegradation







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Why London

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.

London contains four World Heritage Sites: the Tower of London; Kew Gardens; the site comprising the Palace of Westminster, Westminster Abbey, and St Margaret's Church; and the historic settlement of Greenwich (in which the Royal Observatory, Greenwich marks the Prime Meridian, 0° longitude, and GMT). Other famous landmarks include Buckingham Palace, the London Eye, Piccadilly Circus, St Paul's Cathedral, Tower Bridge, Trafalgar Square, and The Shard. London is home to numerous museums, galleries, libraries, sporting events, and other cultural institutions, including the British Museum, National Gallery, Natural History Museum, Tate Modern, British Library, and West End theatres. The London Underground is the oldest underground railway network in the world.

Venue & Accommodation

London, United Kingdom

Contact us

Sylvia Rose

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Registrations

Academic

Only Registration: **USD 599**

Package A (Registration + 2 nights' Accommodation): **USD 919**

Package B (Registration + 3 nights' Accommodation): **USD 1079**

Business

Only Registration: **USD 699**

Package A (Registration + 3 nights' Accommodation): **USD 1019**

Package B (Registration + 4 nights' Accommodation): **USD 1179**

Student

Student Oral: **USD 300**

Student Poster: **USD 400** (USD 300 + USD 100 for Poster)

Student Delegate: **USD 100**

E-poster: **USD 99**

To register online, please visit:
http://bioplastics.conferenceseries.com/registration.php

Important Dates

Abstract submission opens: December 20, 2016

Registration opens: November 25, 2016

Early bird registration: April 27, 2017

On spot registration: August 07, 2017