

Polymer Science -2016

(Theme: Revealing the advances and innovations in the field of Polymer science and Engineering)

Summary:

Polymer Science -2016 welcomes attendees, presenters, and exhibitors from all over the world to New Orleans, USA. We are delighted to invite you all to attend and register for the “International Conference on Polymer Science and Engineering (**Polymer Science 2016**)” which is going to be held during June 23-24, 2016 in New Orleans, USA..

For more details please visit- <http://polymerscience.conferenceseries.com/>

Importance and Scope :

Polymer plays 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 Biopolymer 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. Thus, the recent emergence of bio-based products rather than petroleum or natural gas based products. Various reasons are associated with the research and development of Biopolymers. The use of biopolymers could markedly increase as more durable versions are developed, and the cost to manufacture these bio-plastics continues to go fall. Bio-plastics 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.

Conference Highlights:

- Frontiers in Polymers Science
- Polymer Chemistry
- Biodegradable Polymers
- Polymers meet biology and Bio systems
- Advanced polymer Structures
- Radiation-Related Polymers
- Advances in macromolecular synthesis
- Polymer Physics
- Applications of Polymers

Why to attend???

International Conference on Polymer Science and Engineering -2016 which is going to be the biggest conference dedicated to polymer science provides a premier technical forum for reporting and learning about the latest research and development, along with discussing new applications and technologies. Events include hot topics presentations from all over the world and professional networking with industries, leading working groups and panels.

Meet Your Objective Business sector With individuals from and around the globe concentrated on finding out about Polymer science and Engineering, this is the best chance to achieve the biggest collection of members from everywhere throughout the World. Conduct shows, disperse data, meet with current, make a sprinkle with another product offering, and get name acknowledgment at this occasion. Widely acclaimed speakers, the latest methods, strategies, and the most up to date overhauls in Polymer science and Engineering are signs of this meeting.

Why New Orleans? USA

New Orleans is a major United States port and the largest city and metropolitan area in the state of Louisiana and is located in the southeast part of the state, between the Mississippi River and Lake Ponchartrain. Its name comes from Orléans, a city on the Loire River in France. Known for its French Creole architecture and multilingual and cultural heritage, New Orleans is often called the most unique city in the United States. The population of the city was 378,715 as of the 2013 U.S. Census Bureau. In 2012, 24/7 Wall St. identified the 10 largest cities with the fastest growing populations in the US based on Census Bureau data. New Orleans ranked #1, with 4.9% growth from 2010 to 2011.

New Orleans has one of the world's greatest international ports and it is a major focus of the city's economy. New Orleans is home to the corporate offices of oil companies with major offshore operations in the Gulf of Mexico, as well as the distribution and service centers of offshore equipment suppliers and fabricators. The manufacturing industry is a significant part of the economy, with petroleum, petrochemical, shipbuilding, and aerospace industries all playing a role. The New Orleans region also functions as a mining, processing, and transportation center for other minerals, principally sulphur. Service industries are playing a larger role, with health care and telecommunications leading the way. The New Orleans region is widely regarded as a leading center of medicine and health care in the South.

In New Orleans a wide-scope of innovations take place in several areas of polymer science and Engineering, including Polymer Chemistry, Polymer Physics, Radiation-Related Polymers, Biodegradable Polymers. Currently there are more than 50 polymer science Universities, associations, societies in USA.

Polymer Science Market Analysis:

As there is need for eradication of polymers, there is increase in growth of industries for Biopolymers. Biopolymers have found wide acceptance in various industries, on account of its distinguished environment friendly properties. Biopolymers are now an important part of every sector Food tech, nanotech, chemistry, medical, agriculture etc.

There is an increase of 20% (approx.) in the production of biopolymers products and bioplastics per year. Market of around 1.2 million tones in 2011 may see a five-fold increase in production volumes by 2016, to almost 6 million tones. By 2020 Bioplastics production could rise to 12 million tones.

Major Marketing Associations around the Globe

- British Plastics Federation
- European Council for Plasticizers and Intermediates
- American Coatings Association
- American Chemical Society (Division of Polymer Chemistry)
- American Physical Society Division of Polymer Physics (APS DPOLY)
- Polymer Division of the Royal Australian Chemical Institute (RACI Polymer Division)
- Belgian Polymer Group (BPG)
- Brazilian Polymer Association
- European Polymer Federation
- Bioenvironmental Polymer Society

Major Marketing Associations and societies in USA

- Polymer Chemistry
- Division of Polymer Chemistry Inc, American chemical Society
- American Plastics Council (USA)
- Society of Plastics Engineers (USA)
- Society of the Plastics Industry (USA)

Statistical Analysis of Associations:

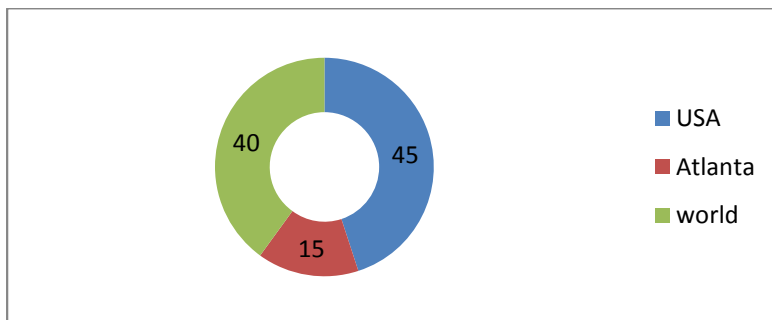


Figure 1: Statistical Analysis of Associations

Target Audience:

Eminent Scientists/ Research Professors, Junior/Senior research fellows, Students, Directors of companies, Engineers, Members of different physics associations.

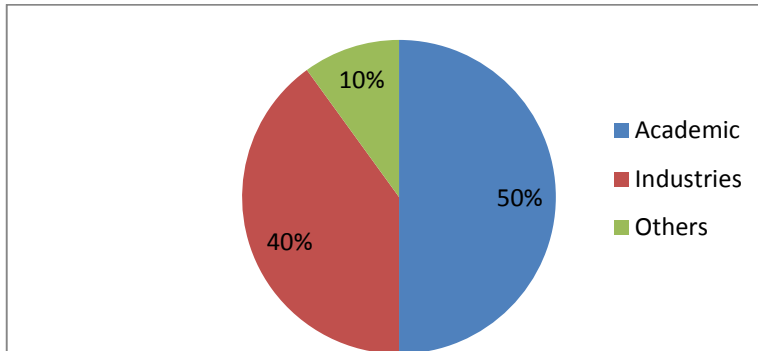


Figure 2: Target Audience in terms of percentage

Top Universities in USA:

- University of California
- Stanford University
- Harvard University
- University of Massachusetts Amherst
- Massachusetts Institute of Technology (MIT)
- Northeastern University
- Boston University

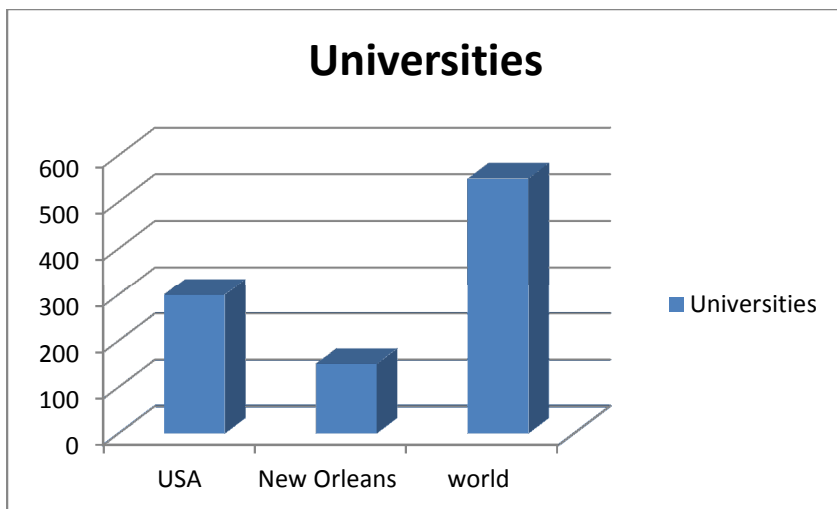


Figure 3: Top Universities in USA

Companies Associated with Polymer Science and Engineering

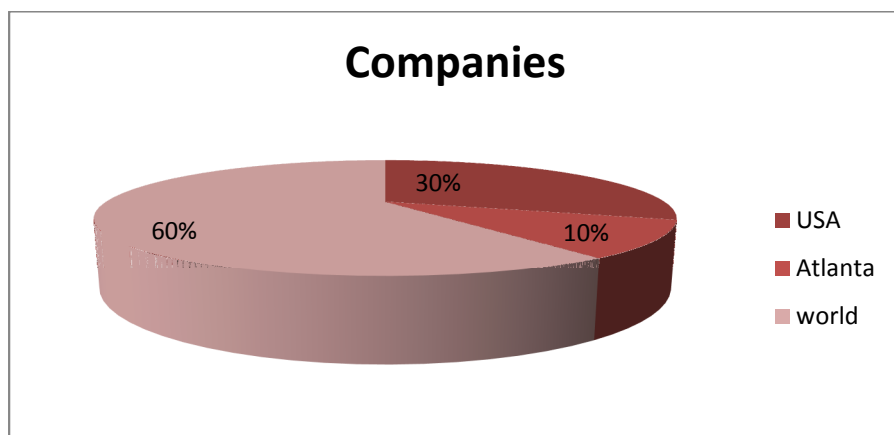


Figure 4: List of Companies Associated with Polymer Science and Engineering in percentage

Polymers market production :

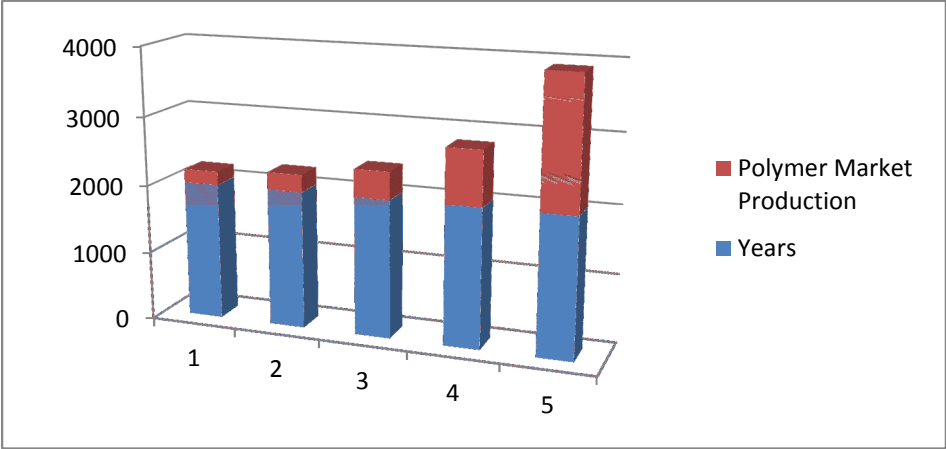


Figure 5: Polymer market production analysis