Polymer Science and Engineering
(**Theme: "Showcasing Polymer Science and Engineering breakthroughs universally"**)

Summary:

Polymer Science and Engineering is the study of all of the polymeric materials we see around us every day and improvising their properties so as to make them more functional and efficient in all aspects. Polymer Science and Engineering forms a bridges the sciences and engineering. Most of the products we enjoy every day are derived from polymers even though we may not readily appreciate this. Polymers have contribution in the way we live, work, and play. The evidence is all around us. There is no vehicle that we ride in, no room in our house, no sports activity in which we participate in that does not use polymers products; the list of polymer products is almost endless. In fact, the products are so diverse, so prevalent, and so ingrained in our lifestyles that we take them for granted. There are currently more than 40 families of polymers, many of whose uses still go unrecognized because of their diversity. Most of the consumers may be familiar with polymers in the form of toys, appliance parts, knobs, handles, housewares, electrical fixtures, toothbrushes, cups, lids, and packages. But few are aware of the fact. Polymer Science and Engineering develop new materials for new applications, improve existing materials to give improved performance and look at ways in which different materials can be used together.

Operating Committee invites all the participants across the globe to attend the 2nd World Congress on Polymer Science and Engineering on May 15-17, 2017, Valencia, Spain. Polymer Congress-2017 covers a broad range of topics to discuss on this international platform by conducting keynote lectures, plenary speeches, workshops and poster presentations. Polymer Congress-2017 is designed to explore the implications of Polymer Science and Engineering.

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

Importance & Scope:

Polymer Congress is designed to offer comprehensive sessions that address recent breakthroughs and new strategies for development of new polymeric materials according to global requirements with an objective to install a rendezvous between industries and academic organizations and knowledge transfer from research to industry. Polymer Congress-2017 covers the areas of Polymer Fundamentals, Polymer Chemistry, Functional Polymers, Green Polymers: Biopolymers & Bio-plastics, Smart Polymers, Polymer Nano-Technology, Forensic Polymer Engineering, Polymer Additives and Re-Enforcements, Engineering Polymers, Production and Commercialization, Polymer Physics, Polymer Pollution and Waste Management, Applications of Polymers in innumerous fields.

Why Valencia?

Valencia is the third largest city in Spain with an area cover of 134.6 km2. It is Spain's third largest metropolitan area, with a population of around 2.5 million. The Port of Valencia is the busiest container port on the Mediterranean Sea and the 5th busiest container port in Europe. In 2009, Valencia was the 29th fastest improving European city. The Valencia metropolitan area has a GDP amounting to $52.7 billion, and $28,141 per capita. Its influence in commerce, education, media, fashion, science, entertainment and the arts

contributes to its status as one of the world's "Gamma"-rank global cities. The city has got the largest port on the Mediterranean western coast, the first of Spain in handling container traffic as of 2008 and the ranks second of Spain in handling total traffic, handling 20% of Spain's total exports.

Spain is the 12th largest economy in the world with according to GDP; Spanish economy is quite diverse, with great contribution from the manufacturing sector and services. Valencia itself is a manufacturing zone that focuses on chemicals, textiles, metallurgy. Valencia is 4th in ranking in "Spain Doing Business 2015" published by the World Bank, which classifies the autonomous regions based on the ease of doing business offer. The Valencian Region has an exceptional geostrategic position in the middle of the Western Mediterranean Arch. It is a true logistic hub in the South of Europe, The port joins North Africa and Europe and is a key link with Latin America. Valencia has got 5 ports, 3 international airports and an excellent connectivity of road network.

It attracts 23 million tourists per year; of whom 6.2 million are foreign. It gets 300 days of sun per year, with 514 km of coastline, 260 beaches, with a total length of 265 km. Together with excellent historical and artistic heritage, along with a wide range of festivals and rich local cuisine, makes Valencia a priority for international tourism.

Why to attend???

Polymer Congress 2017 is undoubtedly going to be the biggest conference entirely dedicated to Polymer Science and Engineering providing a global premier platform for reporting and learning about the latest breakthroughs and development in the field, along with elaborate discussions on the new applications and technologies, and their feasibility in terms of both technically and economically. Events include presentation on hot topics from all across the world, enlightment on the topic by eminent speakers and congregation of pioneers in the field of Polymer Science, professionals of esteemed industries, scholars and leading working groups and panels.

Tremendous scope to meet your Objective Business sector with personalities from all over the globe concentrated on finding out about the latest advancement of Polymer science and Engineering, creating the possibilities to amass biggest collection of members from all around the globe, and thus quenching the thirst for knowledge in the field. Conduct shows, disperse data, set up rendezvous with the game changers in the field, meet with scholars and pioneers, rain down the latest product you want to offer, and plus get name acknowledgment at this auspicious occasion as a bonus. Widely acclaimed speakers with their enlightening talks, display of the latest game changing feasible methods, discussions of efficient and effective strategies, and the premier of latest invention and discoveries in the field Polymer science and Engineering are the resultant of this meeting.

Major Polymer Science Associations around the Globe

- The society of Polymer Science, Japan
- Royal Society of Chemistry
- Society for Biomaterials
- International Union of Materials Research Societies
- Society for Experimental Mechanics
- American Chemical Society

Major Polymer Science Associations in Europe

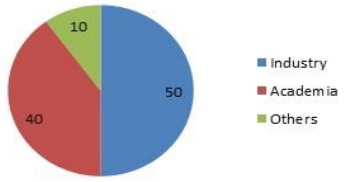
- Royal Society of Chemistry
- European Polymer Dispersion and Latex Association (EPDLA)
- Polymer Comply Europe
- European Federation of Chemical Engineering

Target Audience:

- Polymer Scientists·
- Polymer Science Professors.
- Polymer Physics Junior/Senior Research Fellows.
- Chemical Engineering Researchers
- Directors of Polymer Companies.
- Polymer science, Material Science Associations and Societies
- Materials Science Engineers
- Nanotechnology Engineers
- Scientists and students from Tissue Science engineering and Biomaterials
- Delegates from Polymer Science and Engineering Associations

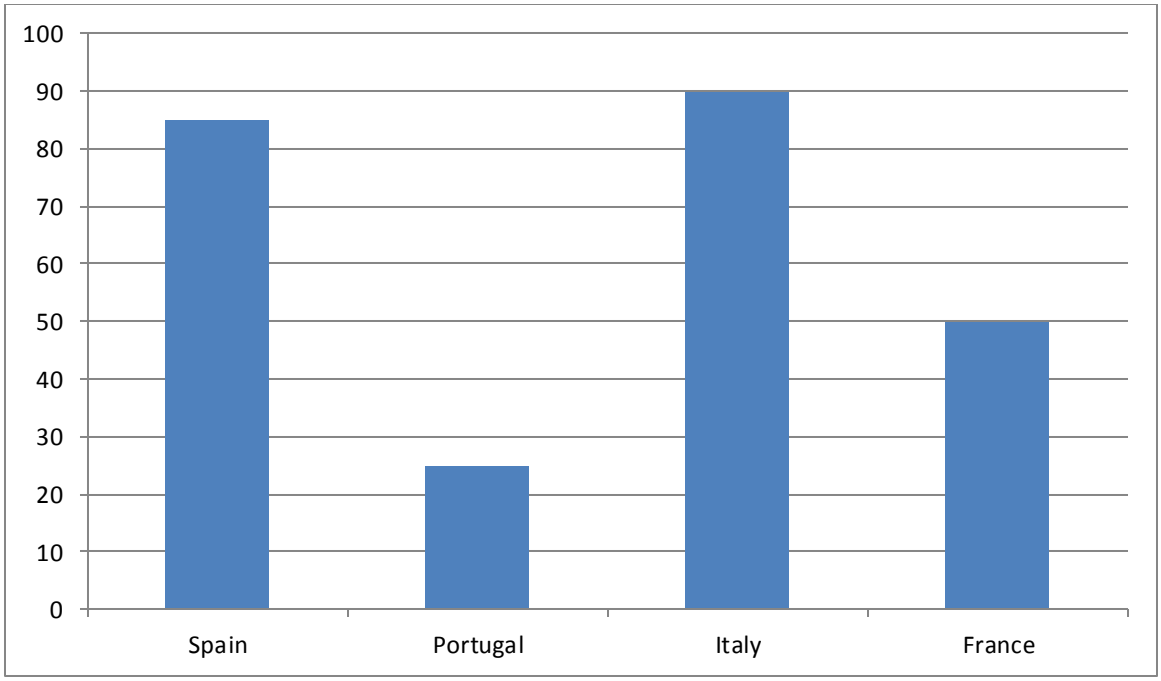
In total, percentage of attendees from various sectors as follows

- Industry 50%
- Academia 40%
- Others 10%



Top Universities in Europe:

- University of Oxford
- Harvard University
- University of Edinburg
- University Of Cambridge
- University of Barcelona



Glance at Market of Polymer Science and Engineering

The market size of thermal interface materials (TIMs) is projected to be USD 2.33 Billion by 2021, registering a CAGR of 11.2% between 2016 and 2021.

The global e-coat market is estimated to grow from USD 3.08 Billion in 2016 to USD 3.80 Billion by 2021, at a CAGR of 4.34% between 2016 and 2021. The market is witnessing moderate growth because of demand for e-coats from the end-use industries such as automotive and appliances

The global market size of building thermal insulation was USD 22.73 Billion in 2015 and is estimated to reach USD 28.39 Billion by 2021, registering a CAGR of 3.50% between 2016 and 2021.

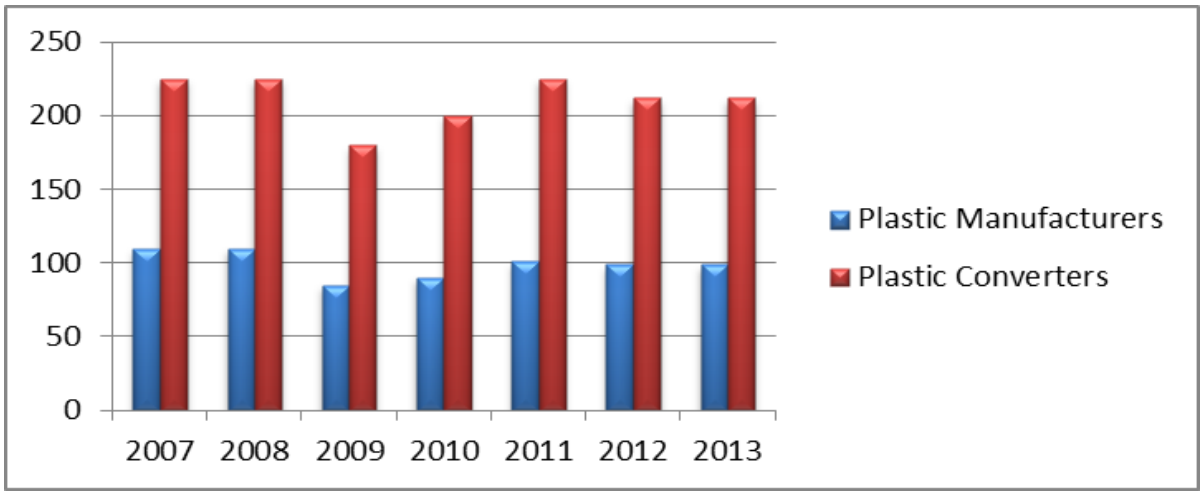
The market size for plastic additives was USD 38.31 Billion in 2015 and is projected to reach USD 50.86 Billion by 2021, registering a CAGR of 4.9% between 2016 and 2021. In this report, 2015 is considered as the base year and forecast period is between 2016 and 2021.

By just even looking at a glance, we can approximately forecast the tremendous market potential the polymeric material industries has kept in store for the upcoming future.

Market Growth of Polymer Science and Engineering
Statistics which shows growth Polymeric Materials Sales Globally:

Development of sales in EUROPE (2007 – 2013)

The Following Figure shows turnovers in Billion €



Companies Associated with Polymer Science and Engineering products

Rank	Name	Chemical Sales(2014) USD Millions
1	BASF	78698
2	Dow Chemical	58167
3	SABIC	43341
4	ExxonMobil	38178
5	Formosa Plastics	37059
6	LyondellBasell	34839
7	Ineos	29652
8	Bayer	28120
9	LG Chemicals	21456
10	Braskem	19578
11	AkzoNobel	19011
12	Sumitomo Chemical	17833
13	Mitsui Chemical	17201
14	Evonik Industries	17177
15	Toray Industries	17006
16	Reliance Industries	15870
17	Solvay	14134
18	Chevron Phillips Chemical	13416
19	DSM	12344
20	SK Innovation	12011