



PPS Newsletter

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May 2016

Information to Polymer Processing Society Members

The PPS-32 International Conference, July 25-29, 2016 in Lyon, France, is fast approaching

The 2016 International Conference of PPS takes place in Lyon, France, on July 25-29 (website <http://pps-32.sciencesconf.org/>). The Lyon Conference Center (Centre des Congrès) will be the venue, which is a superb world-class place for such a world conference. Lyon is the second largest city in France (after Paris). The PPS-32 Organizers, Prof. Abderrahim Maazouz (INSA) and Prof. Philippe Cassagnau (IMP), are putting in their best efforts to organize a memorable conference with scientific quality and a splendid social and cultural program.

PPS-32 promises to maintain a good balance of programs to serve the attendees from academia and industry. The program can be found at: <http://pps-32.sciencesconf.org/resource/page/id/8>. It provides cutting-edge research results and the latest developments in the field of polymer engineering and science. The thematic range comprises conventional processing technologies as well as materials-based macromolecular research. General Symposia and a series of Special Symposia will offer a forum for more than 600 oral presentations and 200 poster presentations. Further highlights are the Plenary Lectures given by speakers from academia and companies focusing on topics from the academic science and global challenges for industrial polymer engineering. On top of that, the 2016 Awardees of notable prizes of the Polymer Processing Society will present their contributions. A technical exhibition and a splendid social program will accompany the conference. Besides, there will be opportunity to join several industry plant tours to regional plastics processing companies and institutions.

Lyon is a city in France's Rhône-Alpes region and it is the culinary capital of France and the world, home of the famous French chef Paul Bocuse and more. It sits at the confluence of the Rhône and Saône rivers. Its city center reflects 2,000 years of history, with a Roman amphitheater in Fourvière, medieval and Renaissance architecture in Vieux Lyon, and the modern, redeveloped Confluence district on the Presqu'île peninsula between the rivers. It has a lot to offer to all those people interested in the history and cultural activities for which France is so well renowned.



Map of France, showing Lyon, the site of PPS-32 International Conference.



A beautiful site of Lyon with the Saône River passing through the city.



The Centre des Congrès de Lyon, where the PPS-32 International Conference will take place.

The PPS-2016 Asia/Australia Conference, October 11-14, 2016 will be held in Chengdu, China

The PPS-2016 Asia/Australia Conference of PPS will take place in Chengdu, Sichuan province, China, on October 11-14 (website <http://www.pps-2016.com/>). The International Convention Center in Chengdu will be the venue, which is a superb world-class place for such a world conference. It is a great honor for Chengdu to host the regional conference of PPS for the first time. As one of the most important economic, transportation, and communication hubs in Western China, Chengdu is the provincial capital of Sichuan province and famous home of giant pandas. There are many beautiful sceneries and historical sites within or around Chengdu, such as Wu Hou Shrine, the Chengdu Research Base of Giant Panda Breeding, Jiuzhai Valley National Park, Emei Mountain, etc.

The PPS Asia/Australia Conference (2016) is organized by the State Key Laboratory of Polymer Materials Engineering (Sichuan University), Polymer Research Institute of Sichuan University and College of Polymer Science and Engineering of Sichuan University. The scientific and organizing committees warmly invite you to join in PPS-2016. The PPS-2016 Organizer, Prof. Qi Wang, is putting her best efforts to organize a memorable conference with scientific quality and a splendid social and cultural program.



Map of China, showing Chengdu, the site of PPS-2016 Asia/Australia Conference.



A beautiful site of Chengdu with the Jin River passing through the city.



The down-town area of Chengdu, where the PPS-2016 Asia/Australia Conference will take place.

PPS Conferences

In its continuing effort to be a truly international society, PPS strives to have meetings every year in different parts of the world. The following list of upcoming meetings is a good indication of these efforts.

2017 Conferences

International Conference (PPS-33), Cancun, MEXICO, December 10-14
Conference Chair: Prof. O. Manero

Europe/Africa Conference PPS-2017, Dresden, GERMANY, June 25-28
Conference Chair: Prof. U. Wagenknecht

Other Meetings of Interest to PPS Members

2016

XVIIth International Congress on Rheology

August 8-13, Kyoto, JAPAN

For information visit: <http://www.rheology.org>

K-Trade Fair

October 19-26, Dusseldorf, Germany

For information visit: www.k-online.com

Lambla Award winner for 2016 is Kinsuk Naskar of the IIT Kharagpur, India



Dr. Kinsuk Naskar was born in 1973 in Calcutta, India. He received his Bachelor of Technology (B.Tech.) degree in Polymer Science and Technology in 1998 from the University of Calcutta, India. In 2000, he completed his Master in Technology (M.Tech) in Rubber Technology from Indian Institute of Technology (IIT), Kharagpur. In April 2000, he joined the University of Twente, the Netherlands, as a Ph.D. employee under the supervision of Prof. Dr. Jacques Noordermeer in a project funded by the Dutch Polymer Institute (DPI). He received his Ph.D. degree in June 2004. Since August 2004, he joined Rubber Technology Centre, IIT Kharagpur, India, as a Faculty member. Currently he is holding the position of an Associate Professor. In 2005 he received a DPI Patent Award from the Netherlands for his invention in the field of

multifunctional peroxides cured thermoplastic elastomers. In 2008 he received the prestigious Alexander von Humboldt Research Fellowship from Germany and worked at IPF Dresden in the group of Prof. Dr. Gert Heinrich. His fields of interest are: polymer blends and composites, processing of elastomers and thermoplastic elastomers, radiation processing and cross-linking, reinforcement, green-tyre technology, etc. He has so far 76 papers, 4 patents and 8 books/book chapters. He has already supervised 7 PhD students and 17 Master students. He is married with Simontiny and they have two children namely, Kaustav and Rishav.

JLWhite Innovation Award for 2016 Goes to Prof. Eric Baer, the Founder of the Department of Macromolecular Science and Engineering, Case Western Reserve University, Cleveland, OH, USA



The James L. White Award will be given at PPS-32 to Eric Baer for the development of micro and nanolayered polymer systems using continuous co-extrusion processing.

Professor Baer, who serves as the director of the National Science Foundation Science and Technology Center on Polymer Layered Systems (known as CLIPS), has over a period of forty years led the development of novel high value added polymeric structures and devices including novel gradient index lenses, high barrier films, and advanced films

for energy storage. Recently he and his CLIPS team have developed a new nanofiber co-extrusion process with promising applications as membrane filters. In 2010 Professor Baer founded Polymer Plus Inc., which is translating these processing technologies into several new applications including gradient index optical devices, high temperature capacitors, and advanced filters for environmental control.

Throughout his career, Professor Baer has concentrated on processing, structure, and property relationships and has published over 600 papers concerning these subjects. A fellow of various scientific and engineering societies, Professor Baer has been the recipient of many awards and has edited several technical journals in his areas of expertise.

Early Career Award for 2016 goes to Prof. Younjin Min of University of Akron, OH, USA



The Early Career Award will be given at PPS-32 at Lyon, France, to Prof. Younjin Min.

Younjin Min joined the Polymer Engineering Department at the University of Akron in 2013 as an Assistant Professor. She attended Ewha Womans University, where she obtained her Bachelors Degree in Environmental Science and Engineering. She then obtained her Master's Degree in Chemical and Biomolecular Engineering at the Korea Advanced Institute of Science and Technology (KAIST), where she developed novel biocompatible diblock copolymers for nano-sized drug delivery carriers. Subsequently, she worked in the biomedical center, at the Korea Institute of Science and Technology (KIST) in the area of formulating protein drug carriers for tissue regeneration.

She received her Ph.D. in the Department of Chemical Engineering at the University of California, Santa Barbara, under the guidance of Professors Jacob Israelachvili and Joe Zasadzinski. Her Ph.D. research focused on soft condensed matter, from biological (lipid membranes, proteins) to non-biological (polymers, nanoparticles, surfactants) and interfacial surface science.

Following her Ph.D., Dr. Min joined the group of Professor Paula Hammond in the Department of Chemical Engineering at the Massachusetts Institute of Technology as a postdoctoral researcher, developing biomimetic polymeric materials for layer-by-layer assembling systems for wound healing and vaccination.

She has over 25 publications in high-impact journals, including Nature Materials, Nano Letters, and Proceedings of the National Academy of Sciences, and two patents on novel biocompatible polymers. These publications have been very important, receiving over 1,650 citations with an h-index of 16.

Her current research interests encompass the area of surface and interfacial science and materials, including intermolecular interactions, friction phenomena, colloidal science, thin film fabrication, polymer synthesis, biophysics, and biomaterials for biomedical applications. Her research efforts have been recognized through the Korean Governmental Research Fellowship, the Schlinger Scholarship for Excellence in Chemical Engineering Research, and the ACS-PRF Young Investigator Award, in aids as well as federal and industrial funds from NSF-CBET, ACS-PRF, P&G, and Vaxess.

Deadline for Awards Nomination is December 31st, 2016

The deadline for submission of candidacy for the PPS awards is due in December 31st, 2016.

The Awards of PPS are:

- (1) The Lambla Award
- (2) The JL White Innovation Award
- (3) The Early Career Award
- (4) Young Researcher Travel Awards

To find more about these awards, please visit the web site of PPS: www.tpps.org

Complete nomination packages should be sent electronically by the first nominator to:

Prof. Ica Manas-Zloczower

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Cleveland OH 44106-7202

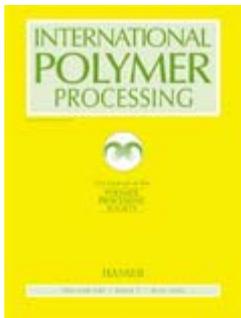
USA

E-mail: ixm@case.edu

For travel awards please send information to:

Prof. U. Sundararaj, University of Calgary, e-mail: pps-award@ucalgary.ca

IPP Journal – All Previous Issues Now Available on Line



All issues of IPP from its inception in 1985 are now available on-line at:

<http://www.hanser-elibrary.com/loi/ipp>. To download papers from this site, visit www.tpps.org. In response to PPS member requests, papers in IPP will now have a DOI number, as well as a Hanser document number, which allows quick access to a paper for the on-line journal website.

Next Newsletter – November 2016

If you have comments on how to improve this newsletter or want to share some information in the next one, please contact the Newsletter Editor Prof. Evan Mitsoulis at mitsouli@metal.ntua.gr. The next issue of the Newsletter is due in November 2016.