



PPS Newsletter

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November 2021 Information to Polymer Processing Society Members

The PPS-36 International Conference, September 26-30, 2021, in Montreal, Canada, took place successfully despite COVID-19

The PPS-36 International Conference of PPS took place successfully in Montreal, Canada, on September 26-30 2021 (website <http://www.pps36.ca/>). The Conference was organized by Prof. Abdellah Ajji of Ecole Polytechnique de Montreal and his team. The Conference was postponed for over a year due to the severe virus pandemic COVID-19.

The Conference was a hybrid type, having both online participants and in-person ones. It took place at the superb Hotel Bonaventure Montreal for the live participation and via zoom technology for the online participants. They were about 400 oral presentations and 60 posters. 450-460 people were registered. 100 talks were given in-person and about 300 talks online. There were 9 parallel sessions.

The general symposia were: Extrusion and Coatings, Films and Fibers, Injection Molding and Micromolding, Polymer Blends and Compounds, Modeling and Simulation, Polymer Composites and Nanocomposites, Polymer Foams, Rubber and Elastomers, Thermoforming, Blow Molding and Rotomolding, Reactive Processing, Additive Manufacturing (3D-Printing), and Biopolymers and Processes/Biomedical.

The plenary speakers were Prof. Basil Favis, Ecole Polytechnique, Montreal, Canada, Dr. Pierre Sarazin, PolyExpert, Canada, Dr. Rajen Patel, Dow Chemicals, USA, Dr. Marie-Josée Potvin, Canadian Space Agency, Canada, Isabelle Paris, Bombardier, Canada, Prof. Hidemitsu Furukawa, Yamagata University, Japan, Gilles Desharnais, Axis Prototypes, Canada, Prof. Zoubeida Ouaneis, Penn State University, USA, Prof. Liyu Sun, Morand Lambla Award 2020, University of Connecticut, USA, Prof. Ernesto di Maio, Morand Lambla Award 2021, University of Naples, Italy, Dr. Qingkai Meng, Groupe Lavergne, Canada, Prof. Anil Bhowmick, Innovation Award 2021, University of Houston, USA, Prof. Mohammad Arjmand, Early Career Award 2021, UBC, Canada, Dr. Jeremy Mehlem, Michelin, USA, Prof. Amar Mohanty, Innovation Award 2020, University of Guelph, Canada, Prof. Reza Nofar, Early Career Award 2020, Istanbul Technical University, Turkey.



Welcoming reception at the Hotel Bonaventure Montreal. The PPS-36 International Conference took place there despite COVID-19.



Another view of the venue Hotel Bonaventure Montreal for the PPS-36 International Conference.



Excellent food and discussion during the banquet at the venue.



President Agassant (right) gives the Early Career Award for 2020 to Prof. Reza Nofar of Istanbul Technical University, Turkey.



President Agassant (right) gives the Morand Lambla Award for 2021 to Prof. Ernesto di Maio of the University of Naples, Italy.



President Agassant (right) gives the Early Career Award for 2021 to Prof. Mohammad Arjmand of the UBC, Canada.

The PPS-37 International Conference, April 11-15, 2022, will take place in Fukuoka, Japan

The PPS-37 International Conference will take place in Fukuoka, Japan, on April 11-15, 2022 (website <https://www.pps-37.org/>). The Conference is organized by Prof. Toshihisa Kajawara and his team of Kyushu University in Fukuoka. PPS-37 International Conference will be prepared as an onsite, virtual, or hybrid conference. There are 17 general symposia and 8 special ones. Online and in-person presentations will be made.

The Conference will take place at Fukuoka International Congress Center located on Hakata of Fukuoka city. Fukuoka is the capital city of Fukuoka Prefecture, situated on the northern shore of the Japanese island of Kyushu. It is the most populous city on the island.



Fukuoka is the capital city of Kyushu island in Japan. The PPS-37 International Conference will take place there.



Fukuoka is a port city and it is known as being Japan's liveliest regional center.



A view of Fukuoka's downtown area.

Joint IKV/PPS Symposium on Plastics Technology, September 5-6, 2022, to be held in Aachen, Germany

There is going to be a joint IKV/PPS symposium on Plastics Technology to be held on September 5-6, 2022 in Aachen, Germany. These dates are due to the pandemic, which changed the scheduled event from March 2022 to September 2022.

This is the 2nd symposium on polymer technology organized by Prof. Christian Hopmann and his team at IKV. The 1st was held online on September 8-12, 2020, had 110 participants, 36 conference talks, from 11 nations.

The fees are for PPS members €110 (include a \$110 fee for membership to PPS) and for students are €45 (include a \$25 fee for membership to PPS).

Several PPS International Representatives will participate in the Scientific Committee.

The Proceedings of the Symposium will be published.



The Eurogress Convention Center in Aachen, Germany, where the IKV/PPS symposium will take place in September 5-6, 2022.



The area in Aachen, Germany, where the symposium will take place.



Centre Charlemagne - 15 min walk from the Conference Hotel.

Webinars

A joint UK-China webinar was held in November 22, 2021, for the Advanced Materials Research Institute (Coates, UK). The topics of the webinar were: Medical Technology, Advanced Materials, Oriented Polymers.

A webinar was proposed to be held in January 2022 (Organizer: Prof. Holzer, Leoben, Austria).

Upcoming Conferences of Interest to PPS Members

July 16-24, 2022 (in-person and online) Athens, Greece
ADVANCED MATERIALS AND THEIR TECHNOLOGIES FOR SPACE EXPLORATION
(COSPAR-22-G0.4)

Abstract submission deadline: February 11, 2022.

Organizers:

John Vlachopoulos (vlachopj@mcmaster.ca), Spiros Anastasiadis (spiros@iesl.forth.gr)

<https://www.cospar-assembly.org/assembly.php>

SPE:

Society of Plastics Engineers

ANTEC 2022

Charlotte, NC, USA, June 14-15, 2022

<https://www.4spe.org/i4a/pages/index.cfm?pageid=6912>

AERC:

Annual European Rheology Conference

AERC 2022

Seville, Spain, April 26-28, 2022

<https://rheology-esr.org/aerc-2022/welcome/>

Musa Kamal (1934 - October 22, 2021)



Prof. Musa R. Kamal was active in engineering, technology and science of polymers for more than 50 years. He received his B.Sc. degree in Chemical Engineering from the University of Illinois, Urbana-Champaign, M.Eng. and PhD degrees in Chemical Engineering from Carnegie-Mellon University, Pittsburgh, USA. After graduation, he worked as a research engineer and then a group leader for American Cyanamid for six years.

Then he joined McGill University, where he carried out pioneering and leading research in a number of important areas that made him an internationally recognized leader in the field of polymer engineering and science. Under his leadership, the technology and science of polymer processing in the fields of injection, micro-injection and blow molding, film extrusion, film blowing, reactive polymer processing, chemical recycling of polymers, polymer blends, composites and nanocomposites, rheology, crystallization kinetics and polymer morphology, vibration and laser welding of polymers and weatherability of plastics have been investigated.

These studies established the fundamental aspects of polymer processing and impacted the entire field of polymer processing. The research results were summarized in more than 350 papers, hundreds of conference presentations, patents and books, resulting in more than 8800 citations; 50+ PhD investigations were completed under his supervision, 90+ Master projects were realized, and more than 30 Postdoctoral fellows conducted research. It should be emphasized that Prof. Kamal established a generation of educators with 21 Professors and 15 leading researchers in the industry serving in various countries.

Prof. Kamal was an internationally recognized leader in polymer processing, technology and science in the true sense of the word. He had been active internationally in various projects, he delivered plenary, keynote and invited lectures all over the world and supervised students from various countries and continents.

Prof. Kamal was a founding member of the PPS in 1985 and was inducted into the Polymer Processing Hall of Fame in 2003. In 1984 he was awarded the SPE Educational Award, in 2011 the SPE International Award and in 2020 he was elected as Fellow of the PPS. From 2013 to 2018, he was a member of the Executive Committee of the PPS and the Editor-in-Chief of the Society's Progress in Polymer Processing book series.

The PPS annual meeting (PPS-36) had been scheduled to take place in May of 2020 in Montreal, but unfortunately, it was postponed to September of 2021. Part of the PPS-36 program included a special symposium in honor of Musa Kamal. The Editorial Board of IPP (International Polymer Processing) came to the decision to publish a special issue dedicated to Musa. Under the Guest Editorship of Profs. Kenig and Isayev the special issue came to fruition, dedicated to Musa, a distinguished researcher and teacher, a humble and sharing man of great talents, honesty and dedication to science.

Next Newsletter – May 2022

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 May 2022.