



9th ISFR 2017

9th INTERNATIONAL SYMPOSIUM ON FEEDSTOCK RECYCLING OF POLYMERIC MATERIALS

10–13 JULY 2017

VŠB – Technical University of Ostrava
Czech Republic



1st circular

<http://isfr.vsb.cz/>

Organized by

VŠB

Technical University
of Ostrava

Czech Republic

FSRJ

Research
Association for
Feedstock Recycling
of Plastics

Japan

Deadline for abstract
submission:

31st March 2017

1st Call:

31st January 2017

VŠB – TU OSTRAVA
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Ostrava - Poruba
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9th ISFR 2017, Czech Republic

The International Symposium on Feedstock Recycling of Polymeric Materials (ISFR) is a biennial international symposium focusing on the various processes for the valorization of polymeric wastes, initialized by the Research Association for Feedstock Recycling of Plastics, Japan (FSRJ).

The actual symposium 9th ISFR 2017 will be primarily aimed at international development of industrial, research and university sphere and presentation of new knowledge and findings in the field of polymeric materials recycling, plastics production, municipal and industrial waste landfill and energetic exploitation of biomass and waste by processes of combustion, gasification and pyrolysis. The relating topics are also relevant to scope of the conference.

The symposium objective is bringing together scientists, engineers and other industrial experts across the world to brainstorm on the recent developments in the mentioned topics, to establish new contacts for future cooperation and present results of their research activities.

TOPICALITY

The non-biodegradable nature of the plastic waste poses serious problems to the environment and hence, recycling and recovery of polymeric residues is the need of the hour. Also biomass, particularly residues of agriculture and forestry, is a potential source for the sustainable production of hydrocarbons. Furthermore, recycling techniques for precious metals and noble

earth, originating mainly from e-waste, play a significant role in future raw materials supply. The increasing industrial utilization of polymer compounds, like carbon fiber reinforced plastic, demands appropriate recycling techniques. Also, relevant processing of organic materials, especially waste one, by pyrolysis and gasification is nowadays increasing because of undisputable benefits of these technologies.

SCOPE

The symposium encompasses all topics related to the recycling and recovery of polymeric waste like waste plastics (municipal, industrial, production, process, e-waste) and biomass.

- Polymer waste management around the world
- Polymeric waste availability and conversion methods – statistics and strategies
- Mechanical recycling of waste plastics
- Thermo-chemical routes (pyrolysis, gasification, combustion etc.) for industrial, municipal plastic waste and biomass
- Biological routes for industrial, municipal plastic waste and biomass
- Legislation in waste management
- Landfill of plastic waste and related waste
- E-waste treatment techniques
- Metal recovery from polymeric waste
- Recycling techniques for precious metals/noble earths
- Carbon Fiber Reinforced Plastic (CFRP) recycling – recycling of polymer compounds
- Recycling of solar batteries and panels
- Sustainability – LCA studies
- Socio-economic questions of recycling

IMPORTANT DATES

1st call:

Deadline for abstracts submission (incl. registration) (2nd call):

Notification of abstracts acceptance:

Deadline of „Early Birds“ payment:

Deadline for extended abstract submission:

Deadline for regular payment:

31st January 2017

31st March 2017

14th April 2017

15th May 2017

31st May 2017

15th June 2017

VENUE DETAILS

VŠB Technical University is located in the Ostrava – Poruba, Czech Republic. The lecture hall building of the university, recently modernized, is equipped with state-of-the-art facilities suitable for hosting international scientific conferences. Ostrava is easily accessible by train from Prague.

PUBLICATION (under consideration)

The authors of selected contributions will be invited to publish them as a paper in *Journal of Material Cycles and Waste Management* (2015 Impact Factor 1.422).

HISTORY AND FOOTPRINTS

1st ISFR, 1999 Japan

Tohoku University, Sendai
31st October – 3rd November, 1999

2nd ISFR, 2002 Belgium

Vrije University of Brussels, Ostend
8th – 11th September, 2002

3rd ISFR, 2005 Germany

University of Karlsruhe, Karlsruhe
25th – 29th September, 2005

4th ISFR, 2007 Korea

Korea Institute of Energy Research, Jeju
16th – 20th September, 2007

5th ISFR, 2009 China

Sichuan University, Sichuan
11th – 14th October, 2009

6th ISFR, 2011 Spain

University Rey Juan Carlos, Toledo
4th – 6th October, 2011

7th ISFR, 2013 India

CSIR – Indian Institute of Petroleum,
Dehradun
India, 23rd – 26th October, 2013

8th ISFR, 2016, Austria

Montanuniversität Leoben
7th – 10th October, 2015

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