



NEWS RELEASE

Rubber meets Science – Processing of organic and silicone rubbers

IKV Conference on 25 - 26 June, 2019 in Aachen

Aachen, May 2019 – This conference, organised by the Institute for Plastics Processing (IKV) in Industry and Craft at RWTH Aachen University on 25 – 26 June in Aachen, is dedicated to the processing of organic rubbers and silicone rubbers. These two topics will be dealt with in parallel sessions. Two moderators will be guiding the delegates through the event: Dr. Gerard Nijman, KrausMaffei Berstorff, will chair the organic rubber session, and Oliver Franssen, Momentive Performance Materials, the silicone rubber session.

Each session will consist of eleven presentations from experts from industry and IKV, who will talk about the latest developments in practice and research. They will cover the overriding aspects of future technologies, material behaviour, processing and simulation. Over and above that, seven plenary papers from members of the industry will provide additional impulses for the rubber segment. A visit to IKV's extrusion and rubber technology pilot plants and laboratories plus a tour of the Centre for Plastics Analysis and Testing will complement the IKV presentations by taking a look at the practical side.

For the plenary papers, the speakers will come from the following companies: Adamos, Arlanxeo Netherlands, ContiTech, Dr. Gupta Verlag, Engel Austria, HF Mixing Group and TA Instruments. For the organic rubber session, Arlanxeo Deutschland, Freudenberg Sealing Technologies, Hexpol, KraussMaffei Berstorff, Lanxess, MDC Engineering, OR.P. Stampi and simcon kunststofftechnische Software have promised to attend.

For the silicone rubber session, Aptiv Services, Dow Silicones, Dräger Medical, Elmet Elastomere, Momentive Performance Materials, Nexus Elastomer Systems, Rado Gummi, R.E.T., Sigma Engineering and Sterne SAS will all send speakers.

The scientists from IKV will talk about the Institute's current research on rubber technology, focusing on the following topics: Influence of compounds on process parameters and rubber properties, digitalisation in the continuous vulcanisation process, material models relating to the behaviour of TPE, and model calibration for screw design in a silicone rubber extruder.

IKV organises this conference for the rubber industry every two years. Apart from the technical discussions, the many breaks, the evening dinner on the first day and the tours of the Institute's facilities offer further opportunities for experts to exchange ideas and experience. For the first time, the presentations at this year's event will be in English.

www.ikv-aachen.de/fachtagung-rubber-meets-science

About IKV

IKV - the Institute for Plastics Processing at RWTH Aachen University, is Europe-wide the leading research and education institute engaged in the field of plastics processing enjoying outstanding reputation. More than 300 staff



are employed in finding solutions to problems connected with processing, materials technology and part design in the plastics and rubber industries. IKV's close contacts with industry and science, together with its outstanding facilities, enable cutting-edge research in plastics technology and ensure that students benefit from a comprehensive, practically oriented course of study. Plastics engineering graduates from IKV are thus sought-after experts in industry. In organisational terms, IKV is divided up into the four specialist departments of Injection Moulding, Extrusion and Rubber Technology, Part Design and Materials Technology, and Composites and Polyurethane Technology. The institute also takes in the Centre for Analysis and Testing of Plastics, and the Training and Further Education department. IKV is run by an Association of Sponsors, which currently has a membership of about 300 plastics companies from all over the world. Univ.-Prof. Dr.-Ing. Christian Hopmann is Head of the Institute and Managing Director of the Association of Sponsors. He also holds the Chair of Plastics Processing at the Faculty of Mechanical Engineering at RWTH Aachen University.

Photo in high resolution to find on our website together with the press release at
www.ikv-aachen.de/en/news

We would appreciate a sample copy of any reprints.

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(Photo: IKV/Fröls)