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4th Edition

EUROPE Rubber Industry FORUM - 2019

All about rubber compounding

7-9 May 2019, Vienna, Austria

**“All about Rubber
Compounding”**

Venue: Fleming's Selection Hotel Wien-City

Media Partners

Rubber & Tire
DIGEST THE TECHNOBIZ & RUBBERWORLD PUBLICATION

RubberWorld

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EVENT

7 May 2019: Training Seminars

08.30-17.00	Science and Compounding of Rubber Blends Dr. Robert Schuster, Rubber Industry Consultant, Germany
08.30-17.00	Theory and Practice of Rubber Extrusion Dr. Gerard Nijman, KraussMaffei Berstorff GmbH, Germany

8 May 2019, Wednesday

08.45-09.00	Opening Remarks Dr. Hans-Joachim Graf / Dr. Thomas Früh
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SESSION: Processing of Rubbers

8.30 – 9.00	Viscoelasticity and Processing of Rubber in Injection Molding with Cold Runner Prof. Dr. Walter Friesenbichler, University of Leoben, Austria
09.00-09.30	Rubber Rheology and Extrusion Dr. Gerard Nijman, KraussMaffei Berstorff GmbH, Germany
09.30-10.00	Access to Compound Extrudability by using a 5 Finger Die - Application of Standardized Test Formulations Dr. Dominik Schramm, Dr. Thomas Schmid, CooperStandard Automotive
10.00-10.30	Improving Rubber Compound using DMA. Dr. Matthias Soddemann, Dätwyler Sealing Solutions International AG, Switzerland
10.30-11.00	COFFEE BREAK
11.00-11.30	Flow Visualization of Rubber Compounds in Molding Sebastian Stieger, University of Leoben, Austria
11.30-12.00	Practical Quality Issues and a New Approach to Mixer Cooling Armin Niehaus, Compound Engineering, Germany
12.00-12.30	Review of Devulcanization Techniques & their Potential Martin Wolfersdorf, Consultant
12.30-13.30	LUNCH BREAK

SESSION: Compounding with Filler & Plasticizer

13.30-14.00	Impact of Dual Fillers on Compound Properties Dr. Robert Schuster, Rubber Industry Consultant, Germany
14.00-14.30	Rubber Composites with Incorporated Magnetic Filler Dr. Jan Kruzela & Prof. Dr. Ivan Hudec, Slovak University of Technology, Slovak Republic
14.30-15.00	Processing and Properties of Rubber with Unconventional Additives/Filler Prof. Dr. Ivan Chodak, Polymer Institute SAS, Slovakia
15.00-15.30	COFFEE BREAK
15.30-16.00	Recent Findings on the Processability of Green Tire based recipes Dr. Jens Kiesewetter, Evonik Industries AG, Germany
16.00-16.30	Influence of Plasticizer on Compounding Jürgen Trimbach, Hansen & Rosenthal, Germany
16.30-17.00	KLR: a Crosslinkable Plasticizer and Functionalized Liquid Polyisoprene for Rubber Modification Ralph Boehm, Kuraray Europe GmbH, Germany

17.00-18.00	GROUP DISCUSSION: What is Needed to Improve Effective (Not Efficient!) and Robust Compounding? Moderation: Dr. Thomas Früh
19.00-21.00	Forum Networking Dinner

9 May 2019, Thursday

SESSION: FPM Compounding & Processing

08.30-09.00	Mixing of FPM Jörg Guntrum, Guntrum Rubber Consulting, Germany
09.00-09.30	Review of different Vulcanization Systems in FPM Matthias Bertram, MB-Chemistry Consulting
09.30-10.00	Optimization of Peroxide Curable FPM Compound in Injection Molding Luisa Paganin, Dott. Viola & Partners Chemical Research srl, Italy
10.00-10.30	Saving Post-Cure of FPM processed by Injection Molding Mattia Ramini, Italian Gasket S.p.A., Italy
10.30-11.00	COFFEE BREAK

SESSION: Polymers – Vulcanization & Properties

11.00-11.30	Understanding the Kinetics of Insoluble Sulfur Dispersion: a comparison of Crystex Cure Pro to Sulfur Masterbatch Dr. Frederick Ignatz-Hoover, Eastman Chemical Company, USA
11.30-12.00	Peroxide Curing of Elastomer Compounds and Scorch Enhancing Gina Butuc, University of Twente, The Netherlands
12.00-12.30	Impact of Polymer Chain Architecture on Rubber Compounding and Processing Fabio Bachelli, Versalis S.p.A., Italy
12.30-13.30	LUNCH BREAK
13.30-14.00	Designing Recipe for Highly loaded Bushings Yeliz Vardar, Bayrak Lastik Sanayi ve Ticaret A.S., Turkey
14.00-14.30	Rubber Compounding for Moineau Motors in Oil Based Mud Helmut G. Benning Baker Hughes – GE Company
14.30-15.00	New Ultra-High Molecular Weight NORDELTM EPDM for Automotive and Consumer Applications Dr. Varun Thakur, Dow Chemical, Switzerland
15.00-15.30	Compounding & Processing of HMW EPDM Dr. Christoph Gögelein, Arlanxeo, Germany
15.30-16.00	COFFEE BREAK
16.00-17.00	GROUP DISCUSSION: Did We Identify Gaps and Did We Find New Options to Close Them Moderation: Dr. Thomas Früh & Dr. Hans-Joachim Graf

Registration Fee/Person

Training Seminar (7 May 2019)	:	700 € /Person*
Conference Program (8-9 May 2019)	:	900 € /Person**
Full Program (7-9 May 2019)	:	1,500 € /Person

Remarks

- Participants can select only one training seminar*
- Conference registration fee includes networking dinner on 8 May 2019. **
- Registration fee includes documentation, lunch and refreshments
- Early Bird Registration Discount: 10% discount on registrations received before 10 March 2019.

Venue

Fleming's Selection Hotel Wien-City
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