SIGMASOFT® Virtual User Meeting
Program

SIGMASOFT Virtual User Meeting | 9. - 10. November 2021

We cordially invite you to join our SIGMASOFT® Virtual User Meeting (Virtual UM). Be curious about our own as well as customer presentations. You can look forward to application examples and an insight into current research and development topics.

Be part of our first Virtual UM and send us your registration by November 2nd, 2021.

We are looking forward to meeting you online!

Tuesday, November 9, 2021 | Application Engineering

From 1:45 pm (CET)   Registration/Login

2:00 pm	Welcome	Thomas Klein, SIGMA
2:30 pm	Creativity meets Technology – Creation of an innovation from design study to an integrated manufacturing Smartphone-holder	Kurt Manigatter, ELMET Elastomere Produktions- und Dienstleistungs-GmbH
3:00 pm	Systematic Approach to a Precision Polymer Gear Wheel	Wojtek Piecha, MS-Schramberg GmbH & Co. KG

Break

3:45 pm	Improving warpage behavior for a decorative wall element	Marco Ruivo, SIGMA
4:00 pm	Top underrated functionalities of SIGMASOFT	Tobias Sonntag, SIGMA

Meet the Experts: Coffee break (Elastomers, Thermoplastics, Support, Academy)

Wednesday, November 10, 2021 | What´s next?

Current research topics

9:00 am	Welcome and Overview about research topics	Timo Gebauer, SIGMA
9:20 am	Virtual Thermoplastics	Andreas Düing, SIGMA, in collaboration with Gernot Dufner, Dufner.MDT GmbH
10:00 am	Recent findings in compound characterization and relevance for elastomer articles	Jens Meier, DIK Deutsches Institut für Kautschuktechnologie e.V.

10:30 am	Two shot injection molding of thermoplastics with low heat deflection temperature and LSR using dynamic temperature control	Mohammad Ali Nikousaleh, UNIpace, Kassel University

Meet the Experts: Coffee break *(Elastomers, Thermoplastics, Support, Academy)*

Lunch break

Current development topics

2:00 pm	Welcome	Marc Schneider, MAGMA
2:15 pm	SIGMA Future Developments	Michael Thies, MAGMA
2:45 pm	Coupled simulation of rubber curing process and FEA regarding mechanical properties	Frau Hausfeld, BOGE Elastmetall GmbH
3:15 pm	Experimental validation of rubber curing kinetic models based on final product properties	Roman Kerschbaumer, Polymer Competence Center Leoben (PCCL)
3:30 pm	Modeling the influence of injection molding process on mechanical properties	Georg Weinhold, MAGMA
3:45 pm	Practical validation of simulated fiber segregation in injection molding	Daniel Fritsche, Institute for Plastics Processing (IKV RWTH Aachen)
4:00 pm	Segregation of fibers, numerical model and its implications on the injection molded parts	Florian Leins, MAGMA
4:30 pm	**End of SIGMASOFT Virtual User Meeting**

Registration:

The registration will be open from October 22nd until November 2nd, 2021.

If you have any questions about the event, please contact:

Virtual UM Organization Team:
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