SIMPATEC

International

SimpaTec Usermeeting 2019

INVITATION

Zollverein

March 25 and 26, 2019, Unesco-World Heritage 'Zollverein' Essen

We are at the puls of time for you. Always.

Continuously filtering the latest, global trends and bundling creative and innovative ideas into a powerful product portfolio - is our goal. Our roots - and our path - is and remains 'simulation'.

Sharing knowledge and experience through precise communication with you, our customers, is our greatest asset.

Break your limits. Challenge us.

INTENTION & CONCEPT

The personal contact with you plays an extremely important role for us in terms of precise, solution-focused communication. Traditionally, our annual user meetings have a high priority. The popularity and the consistently positive response from the circle of participants in recent years shows us to thoroughly and steadily expand this path. For the first time, we therefore decided, to offer our users even more content and space for information exchange and discussions by means of a new concept.

Of course, the focus of the two-day event will again be set on practice-oriented technical contributions by our users. However, the topics this time include the entire field of our CAx products. The presentations are going to be held in parallel sessions for the entire group of participants. A particular focus will continue to be set on Moldex3D, but also users of Digimat, T-SIM, B-SIM and 3D_Evolution | 3D_Analyzer | 4D_Additives are invited to catch up in separate topic-specific lectures, workshops and discussion rounds. Create your own conference program. The conference language is English.

Selected, well-known companies will additionally present their current industry-specific development trends, news and innovative products in our exclusive exhibitor area.

A special highlight is the evening event for our upcoming 15-year company anniversary.
Celebrate with us - also in accompany.
We look forward to you!

AGENDA*

MONDAY, MARCH 25, 2019

*preliminary agenda

Time	MOLDEX3D	DIGIMAT	3D_EVOLUTION | 3D_ANALYZER | 4D_ADDITIVE
8:30 am	**REGISTRATION**		
9:00 am	**"Welcome"** Cristoph Hinse, SimpaTec		
9:30 am	**"What's new Moldex3D"** Marc Kurz, SimpaTec	**"Coupling of process simulation, material modeling and fea"** Tobias Schäfer, SimpaTec	**"Welcome and introduction"** Philipp Reustle, SimpaTec
10:00 am	**"Molding simulation: the missing link in the SMC part design finally available"** Jean-Luc LABONNE, CIME	**"What´s new in Digimat 2019.0"** Presentation by eXstream	**"Additive Fertigung von Kleinserienteilen - Technologie, Konstruktion, Softwaretools"** Armin Brüning, Coretechnologies
10:30 am	**COFFEE BREAK AND EXHIBITION**		
11:00 am	**"Injection molding simulation for thermoset materials"** Armin Kech, Bosch	**"Modeling of process-dependent interfacial bond quality of overmolded parts"** Robert Gaitzsch, Faserinstitut Bremen	**3D_Evolution – Simplifier** Philipp Reustle, SimpaTec
11:30 am	**"tba"** Andre Daubner, Konzelmann	**"10x solution for an optimal, predictable & affordable use of materials"** Roger Assaker, eXstream	**"3D_Evolution – Geometry optimization"** Philipp Reustle, SimpaTec
12:00 am	**LUNCH AND EXHIBITION**		
1:00 pm	**"CT Data analysis using VGSTUDIO MAX - linked to the simulation world"** Benjamin Becker, Volume Graphics GmbH		
1:30 pm	**"Micro injection molding simulation - a case study"** Matthieu Fischer, Pascal Pöhlmann, Ines Kühnert, Leibniz-Institut für Polymerforschung Dresden e. V.	**"Multi-scale modeling"** Presentation by eXstream	**"3D_Evolution - CAD data analysis"** Philipp Reustle, SimpaTec
2:00 pm	**"Revisiting the detailed role of anisotropy on various warpage aspects"** Vito Leo, BIMS	**"Integrative simulation of fiber reinforced plastics: current research results"** Philipp Land, Hochschule Osnabrück	**"Entwicklung, wo geht die Reise hin"** Armin Brüning, Coretechnologies
2:30 pm	**"Simulation is possible for everybody, or not? Nowadays weldline issues"** Sebastian Daute, Stefan Hins, KIMW	**"What's new in Digimat AM 2019.0"** Presentation by eXstream	**"3D_Evolution - CAD data repair functions"** Philipp Reustle, SimpaTec
3:00 pm	**COFFEE BREAK AND EXHIBITION**		
3.30 pm	**"Simulation with thermosetting molding compounds - special remarks to material and process"** Sascha Englich, Schwarz Plastic Solutions GmbH	**"Impact of the microstructure to mechanical stiffness with AM"** Tobias Schäfer, SimpaTec	
4.00 pm	End of day 1		
6:30 pm	Supporting program - Guided tour "Kohle & Kumpel", UNESCO World Heritage „Zeche Zollverein"		
8:00 pm	Festive evening event for SimpaTec's 15th company anniversary		

AGENDA*

TUESDAY, MARCH 26, 2019

8:30 am	REGISTRATION		
	MOLDEX3D		**T-SIM#**
9:00 am	**"Moldex3D - next generation & future developments"** Venny Yang, CoreTech		**"Willkommen"** **Vasil Sokolov, SimpaTec**
9:30 am	**"Optimization of the gas-assisted injection molding of a fiber reinforced designer chair using Moldex3D and Ultrasim®"** Andreas Wonisch, BASF	**"Process simulation at the service of the process / product link"** Patrick DEWAILLY, IPC	**"T-SIM - zukünftige Entwicklung"** Karel Kouba, Accuform
10:00 am	**"Simulation and reality of pressure losses at deflections in hot runner systems"** Markus Hammermeister, Thomas Schröder, HS Darmstadt	**"Process cooling with water as a refrigerant (R718) – Environmentally-friendly and reliable!"** Kai Hartmann, Efficient Energy GmbH	**"Thermoformsimulation für KFZ-Interieur Bauteile - Machbarkeitsanalyse und Risikobewertung effizienter entscheiden"** Ruben Paulig, KIEFEL GmbH
10:30 am	COFFEE BREAK AND EXHIBITION		
11:00 am	**"How to simulate the filling of fiber-reinforced composite parts in the thermoplastic RTM-process"** Bernhard Radler, Schöfer GmbH		**"Praktische Erfahrungsberichte Teil 1 - aus dem Kreis der T-SIM-Anwender"**
11:30 am	**"Forecasting the fiber orientation of long fiber reinforced thermoplastics"** Julian Kattinger, IKT Stuttgart		**"Qualitätssicherung im IML-Prozess durch Kopplung von Thermoform- und Spritzgusssimulationssoftware"** Vasil Sokolov, SimpaTec
12:00 am	LUNCH AND EXHIBITION		
1:00 pm	**"Conformal cooling - a must have for variothermal injection molding processes?"** Reiner Westhoff, Contura		
	Moldex3D Key Aspects I	**Moldex3D Key Aspects II**	
1:30 pm	**Cooling Variation**	**Studio Compression Molding**	**"Praktische Erfahrungsberichte Teil 2 - aus dem Kreis der T-SIM-Anwender"**
2:00 pm	**Pre-/Post Adviser**	**Studio Pre**	
2:30 pm	**Studio Post**	**Special Topics**	**Workshop T-SIM und Diskussionen** Vasil Sokolov, SimpaTec
3:00 pm	COFFEE BREAK AND EXHIBITION		
3.30 pm	**Meshing Tips**	**RTM Wizard (Rhino)**	
4.00 pm	**"Future prospects and conclusion"** Cristoph Hinse, SimpaTec		
4.30 pm	End of the International SimpaTec Usermeeting		

REGISTER NOW!

The participation fee for the International SimpaTec Usermeeting amounts to:

    1 day = 1 SimpaTron | 2 days = 2 SimpaTrons
    Alternative: 1 day = 295.00 € | 2 days = 530.00 € plus VAT.

REGISTRATION

The attendance fee includes the participation for one person, the presentation material and all drinks and beverages during the meeting.

Special arrangements:
Participants from universities and research facilities will receive a 30% discount from the registration fee. An early bird discount of 5% will be granted for registrations before January 15, 2019. You agree to the publication of pictures and movies of the event.

Cancellations:
Cancellations till 30 days before the event are free of charge. In case of a cancellation 2 weeks before the event we charge 70 %; after that 100 % of the participation fee.

I will take part at the International SimpaTec Usermeeting 2019 as follows:

☐ both days   ☐ March 25, 2019 only   ☐ March 26, 2019 only

    ☐ Moldex3D

    ☐ Digimat

    ☐ 3D_Evolution | 3D_Analyzer | 4D_Additive

    ☐ T-SIM

☐ I will attend at the Evening Event (March 25, 2019, 8:00 pm).

    ☐ I will attend in accompany

    ☐ I will | We will take part in the "Kohle und Kumpel" guided tour (March 25, 2019 18:00 pm)

☐ I will not participate at the International SimpaTec Usermeeting.

Name of participant

Company

Street   ZIP City

Phone   Fax

Email

EXHIBITOR

Selected companies present the latest product developments in the accompanying trade exhibition. SimpaTec is extremely pleased about the involvement regarding the exhibitor area and already wants to express a thank you for the friendly support and the additional offer of enhancement of knowledge available for the participants, to:

ALLOD

CONTURA®
Mold Temperature Control

DECKERFORM

efficient energy
be part of tomorrow

STM | MEHR WERT STAHL

VOLUME GRAPHICS

The International SimpaTec Usermeeting 2019 will take place in hall 12 on the premises of the UNESCO World Heritage "Zeche Zollverein", Essen.
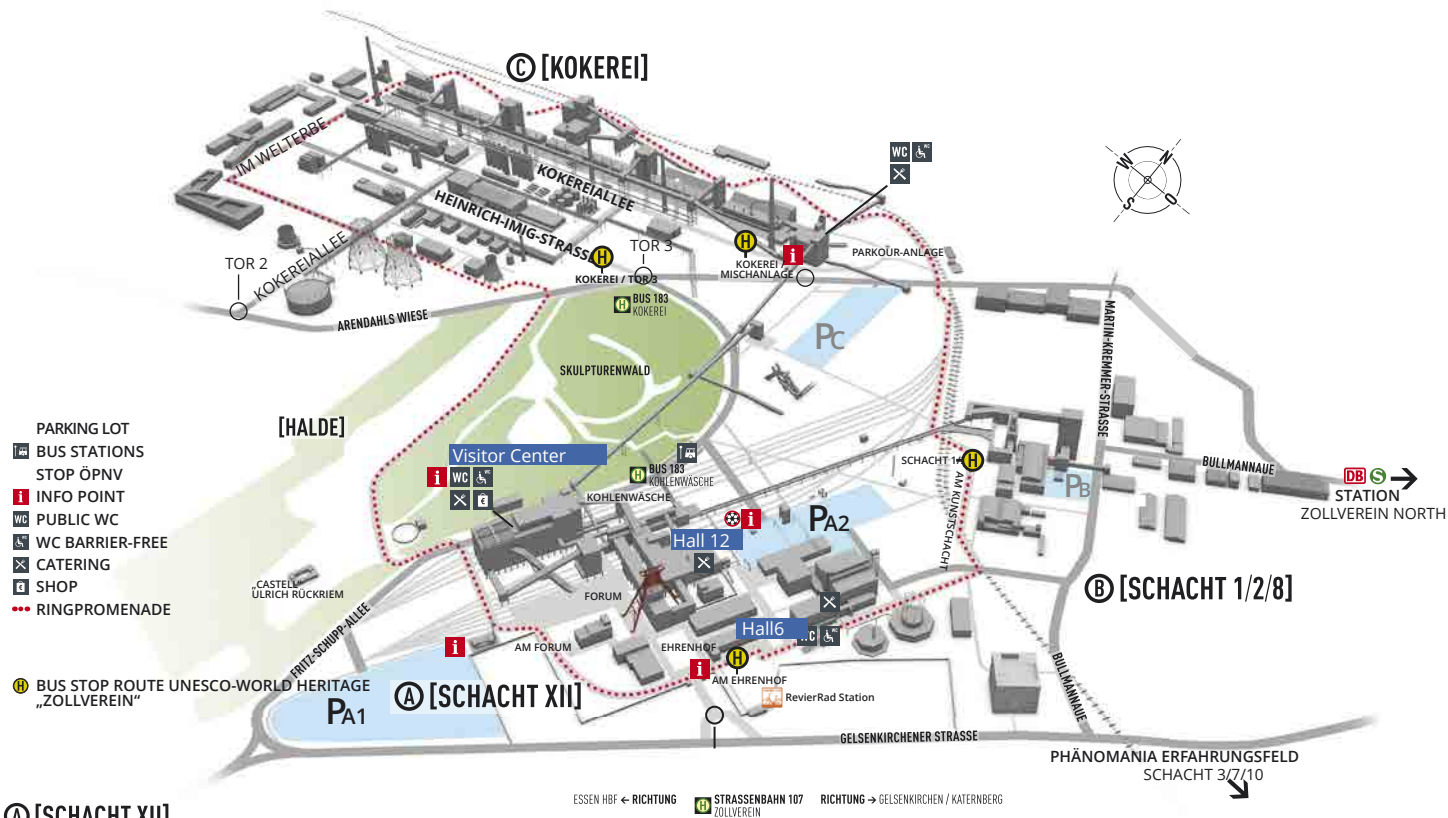
(Address: Gelsenkirchener Str. 181, 45309 Essen, Germany)

LOCATION

Journey| Parking:

__ Access by train, bus, tram and car

__ Hall 12 is located in direct proximity of the visitor center

__ Free parking is available at the parking lots P A1 and P A2.

PARKING LOT
BUS STATIONS
STOP ÖPNV
INFO POINT
PUBLIC WC
WC BARRIER-FREE
CATERING
SHOP
RINGPROMENADE

BUS STOP ROUTE UNESCO-WORLD HERITAGE „ZOLLVEREIN"

Ⓒ [KOKEREI]

IM WELTERBE
KOKEREIALLEE
HEINRICH-IMIG-STRASSE
KOKEREIALLEE
TOR 2
TOR 3
KOKEREI / TOR 3
KOKEREI MISCHANLAGE
PARKOUR-ANLAGE
ARENDAHLS WIESE
BUS 183 KOKEREI
SKULPTURENWALD
Pc
MARTIN-KREMMER-STRASSE
BULLMANNAUE
[HALDE]
Visitor Center
BUS 183 KOHLENWÄSCHE
KOHLENWÄSCHE
SCHACHT 1
Pᴮ
DB S →
STATION ZOLLVEREIN NORTH
Hall 12
Pᴬ2
AM KUNSTSCHACHT
„CASTELL" ULRICH RÜCKRIEM
FORUM
Ⓑ [SCHACHT 1/2/8]
FRITZ-SCHUPP-ALLEE
AM FORUM
EHRENHOF
Hall6
AM EHRENHOF
RevierRad Station
BULLMANNAUE
Pᴬ1
Ⓐ [SCHACHT XII]
GELSENKIRCHENER STRASSE
PHÄNOMANIA ERFAHRUNGSFELD SCHACHT 3/7/10

ESSEN HBF ← RICHTUNG   STRASSENBAHN 107 ZOLLVEREIN   RICHTUNG → GELSENKIRCHEN / KATERNBERG

Ⓐ [SCHACHT XII]

A6 __ Hall 6 [Elektrowerkstatt]
A12 __ Hall 12 [Lesebandhalle]
A14 __ Visitor Center

ACCOMMMADATION

We have allocated rooms at hotels nearby for the participants of our International SimpaTec Usermeeting.

Please don't forget to organize your accomodation timely and by yourself using the password 'SimpaTec' .

The following hotels are available:

Bildungshotel BfZ Essen
Blücherstrasse 1
45141 Essen, Germany

Phone: +49 201 3204243
Fax: +49 201 3204277
bildungshotel@bfz-essen.de
www.bildungshotel-essen.de

SR = 60.50 €

Motel One Essen
Kennedyplatz 3
45127 Essen, Germany

Phone: +49 201 437 537-0
Fax: +49 201 437 537-10
essen@motel-one.com
www.motel-one.com

SR = 80.50 €

Maritim Hotel Gelsenkirchen
Am Stadtgarten 1
45879 Gelsenkirchen, Germany

Phone: +49 (0) 209 176 2040
Fax: +49 (0) 209 176 2091
reservierung.sge@maritim.de
www.maritim.com

SR = 92.00 €