

**SIMPATEC**

International

# SimpaTec Usermeeting 2019

INVITATION



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!

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MONDAY, MARCH 25, 2019

\* preliminary agenda

AGENDA\*

8:30 am	REGISTRATION		
9:00 am	<b>"Welcome"</b> Cristoph Hinse, SimpaTec		
	<b>MOLDEX3D</b>	<b>DIGIMAT</b>	<b>3D_EVOLUTION   3D_ANALYZER   4D_ADDITIVE</b>
9:30 am	<b>"What's new Moldex3D"</b> Marc Kurz, SimpaTec	<b>"Coupling of process simulation, material modeling and fea"</b> Tobias Schäfer, SimpaTec	<b>"Welcome and introduction"</b> Philipp Reustle, SimpaTec
10:00 am	<b>"Molding simulation: the missing link in the SMC part design finally available"</b> Jean-Luc Labonne, CIME	<b>"What's new in Digimat 2019.0"</b> Presentation by eXstream	<b>"Additive Fertigung von Kleinserienteilen - Technologie, Konstruktion, Softwaretools"</b> Armin Brüning, Coretechnologies
10:30 am	COFFEE BREAK AND EXHIBITION		
11:00 am	<b>"Injection molding simulation for thermoset materials"</b> Armin Kech, Bosch	<b>"Modeling of process-dependent interfacial bond quality of overmolded parts"</b> Robert Gaitzsch, Faserinstitut Bremen	<b>3D_Evolution - Simplifier</b> Philipp Reustle, SimpaTec
11:30 am	<b>"Current use of Moldex3D in research and development"</b> Tobias Hohlweck, IKV Aachen	<b>"10x solution for an optimal, predictable &amp; affordable use of materials"</b> Roger Assaker, eXstream	<b>"3D_Evolution - Geometry optimization"</b> Philipp Reustle, SimpaTec
12:00 am	LUNCH AND EXHIBITION		
1:00 pm	<b>"CT Data analysis using VGSTUDIO MAX - linked to the simulation world"</b> Benjamin Becker, Volume Graphics GmbH		
1:30 pm	<b>"Micro injection molding simulation - a case study"</b> Matthieu Fischer, Pascal Pöhlmann, Ines Kühnert, Leibniz-Institut für Polymerforschung Dresden e. V.	<b>"Multi-scale modeling"</b> Presentation by eXstream	<b>"3D_Evolution - CAD data analysis"</b> Philipp Reustle, SimpaTec
2:00 pm	<b>"Revisiting the detailed role of anisotropy on various warpage aspects"</b> Vito Leo, BIMS	<b>"Integrative simulation of fiber reinforced plastics: current research results"</b> Philipp Land, Thorsten Krumpholz, Hochschule Osnabrück	<b>"Entwicklung, wo geht die Reise hin"</b> Armin Brüning, Coretechnologies
2:30 pm	<b>"Simulation is possible for everybody, or not? Nowadays weldline issues"</b> Sebastian Daute, Stefan Hins, KIMW	<b>"What's new in Digimat AM 2019.0"</b> Presentation by eXstream	<b>"3D_Evolution - CAD data repair functions"</b> Philipp Reustle, SimpaTec
3:00 pm	COFFEE BREAK AND EXHIBITION		
3:30 pm	<b>"Process cooling with water as a refrigerant (R718) - Environmentally-friendly and reliable!"</b> Kai Hartmann, Efficient Energy GmbH	<b>"Impact of the microstructure to mechanical stiffness with AM"</b> Tobias Schäfer, SimpaTec	<b>"Simulation with thermosetting molding compounds - special remarks to material and process"</b> Sascha English, Schwarz Plastic Solutions
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		

TUESDAY, MARCH 26, 2019

\* preliminary agenda

# germanspeaking session

AGENDA\*

8:30 am	REGISTRATION		# germanspeaking session
	<b>MOLDEX3D</b>		<b>T-SIM#</b>
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	"Conformal cooling, the effect upon distortion and cycle time" Paul Abraham, Dupont	"Simulation & reality of pressure losses at deflections in hot runner systems" Markus Hammermeister, Thomas Schröder, HS Darmstadt	"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 thermo-plastic RTM-process" Bernhard Radler, Schöfer GmbH	"Analytical product development: the fast and cost-efficient way to better plastic parts" Peter Ottillinger, Deckerform 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	"Experimental and numerical optimization of processing parameters for hybrid injection moulds" Willem Van De Steene, Ghent University	"Qualitätssicherung im IML-Prozess durch Kopplung von Thermoform- und Spritzguss Simulationssoftware" 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		
1:30 pm	<b>Moldex3D Key Aspects I</b> Cooling Variation	<b>Moldex3D Key Aspects II</b> Studio Compression Molding	"Praktische Erfahrungsberichte Teil 2 - aus dem Kreis der T-SIM-Anwender"  Workshop T-SIM und Diskussionen Vasil Sokolov, SimpaTec
2:00 pm	Pre-/Post Adviser	Studio Pre	
2:30 pm	Studio Post	Special Topics	
3:00 pm	COFFEE BREAK AND EXHIBITION		
3.30 pm	<b>Meshing Tips</b>	<b>Digmat RP</b>	
4.00 pm	"Future prospects and conclusion" Cristoph Hinse, SimpaTec		
4.30 pm	End of the International SimpaTec Usermeeting		

REGISTER NOW!

Registration deadline:  
March 1, 2019

events@simpatec.com  
Fax: +49 241 565276-99

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

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Company

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Street

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ZIP City

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Phone

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Fax

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Email

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Exclusive Trade Exhibition



# 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:



**DECKERFORM**



efficient energy  
be part of tomorrow



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.

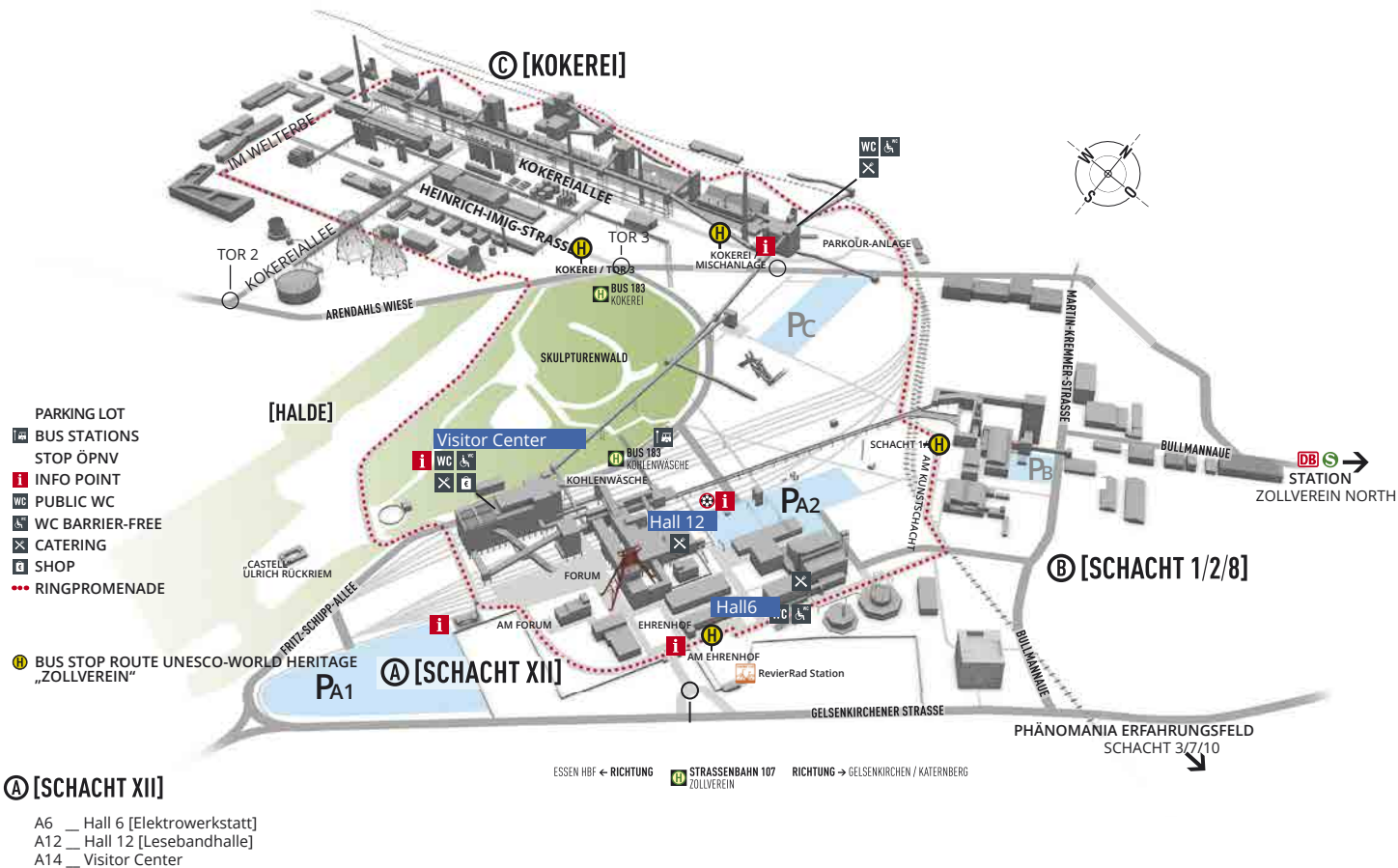
(Address: Gelsenkirchener Str. 181, 45309 Essen, Germany)



# 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.



## ALLOCATED ROOMS



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' .

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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 €