



Virtual Conference 2021 The Future of Manufacturing

December 9,
2021

CET	CST
09:30 AM	04:30 PM
09:45 AM	04:45 PM
09:45 AM	04:45 PM
10:05 AM	05:05 PM
10:05 AM	05:05 PM
10:45 AM	05:45 PM
10:45 AM	05:45 PM
11:00 AM	06:00 PM

Stage 1 – Livestreaming from the Innovation Center

Welcome Virtual Conference

Jürgen Bosch, Oliver Chan, Prof. Dr. Konrad Saur – Trelleborg Sealing Solutions | Sarah Yvonne Elsser (Tech-Moderator)



Jürgen Bosch Oliver Chan Prof. Dr. Konrad Saur Sarah Yvonne Elsser

Keynote: The Future of Manufacturing – Advancing the 4th Industrial Revolution

Prof. Dr. Thomas Bauernhansl (Fraunhofer IPA), Malte Volkwein (Fraunhofer IPA)

Panel Discussion: The Future of Manufacturing – Advancing the 4th Industrial Revolution

Fredrik Östbye (Grundfos), Malte Volkwein (Fraunhofer IPA), Prof. Dr. Konrad Saur, Zhao-Toni Tong (Arburg), Sarah Yvonne Elsser (Tech-Moderator)



Prof. Dr. Thomas Bauernhansl Malte Volkwein Fredrik Östbye Zhao-Toni Tong

Insights of Innovative Manufacturing & R&D Capabilities + Introduction of different stages

Prof. Dr. Konrad Saur



Break & Switch Stages

11:00 AM	06:00 PM
11:10 AM	06:10 PM
11:10 AM	06:10 PM
11:40 AM	06:40 PM
11:40 AM	06:40 PM
11:45 AM	06:45 PM
11:45 AM	06:45 PM

Stage 1

Livestreaming from the Innovation Center

Insights into Trelleborg Sealing Solutions R&D Capabilities

Prof. Dr. Konrad Saur, Sarah Yvonne Elsser (Tech-Moderator)

Stage 2

Empowering the world with Advanced Composites

Reid Hislop, Tom Zozokos, Brian Richards

Stage 3

An inside look into Multicomponent Manufacturing Technology

Neal Borg, Philipp Begert

Stage 4

Advances in LSR Manufacturing: A customer-centric approach

Felix Schädler, Christian Meyer

Break & Switch to Stage 1

Stage 1

Livestreaming from the Innovation Center

Wrap Up & Announcement Segment Stages

Prof. Dr. Konrad Saur, Sarah Yvonne Elsser (Tech-Moderator)



12:00 PM	07:00 PM
12:45 PM	07:45 PM

Lunch & Dinner Break Concert by Eddy Miller Group





Virtual Conference 2021

The Future of Manufacturing

CET	CST	Stage 1 Automotive, Trucks & Transportation	Stage 2 Semiconductor Manufacturing	Stage 3 Fluid Power	Stage 4 Drives & Motion	Stage 5 Food & Beverage Processing	
12:45 PM 01:00 PM	07:45 PM 08:00 PM	The future is now: eMobility @ Trelleborg Sealing Solutions Axel Weimann	Serving the semiconductor industry as a solutions provider Chris Busby	Meeting customer needs in the fluid power industry Franco Marano, Calvin Yin	Global but local – solutions for the robotics industry David Kaley, Yoichi Higuchi	Trelleborg's commitment to Food & Beverage Dr. Mikkel Moerup	
01:00 PM 01:30 PM	08:00 PM 08:30 PM	Evolving material landscape: why new compounds are necessary Björn Scherbaum, Dino Tusino, Ulrich Schmid	Isolast® PureFab™ FFKM for advanced semiconductor processes Dr. Murat Gulcur	The Orkot® Slydring® family – a solution for every system Shanul Haque	Radial oil seals in focus Dr. Mandy Wilke, Filippo Zanetti, Inderjeet Singh	Food contact regulations – how to ensure compliance Peter Astrom, Dr. Petra Hilt	
01:30 PM 02:00 PM	08:30 PM 09:00 PM	Multicomponent technology – adding value for customers Björn Scherbaum, Neal Borg	Advanced manufacturing capabilities to meet customer needs (incl. Manufacturing tour) Inderjeet Singh	Nexus 2.0. – the new line of face seals Nicolò Olivetti	Sealing innovations for state-of-the-art robotic equipment Jeff Baehl	FoodPro™ materials ensure safe sealing in food processing Peter Astrom, Dr. Petra Hilt	
02:00 PM 02:10 PM	09:00 PM 09:10 PM	Optimizing the performance of high speed e-Axles Björn Scherbaum, Paul Leadley		Maximizing the performance of hydraulic systems Dr. Mandy Wilke, Holger Jordan	Sealing technology for motion control equipment Kevin Kaufenberg	CO2 capture - cheers to a sustainable beer Andreas Gyes, René Volcker	
02:10 PM 02:30 PM	09:10 PM 09:30 PM	Enjoy the silence – eliminating vibration Björn Scherbaum, Rickard Jonasson	Q&A Session Chris Busby, Dr. Murat Gulcur, Inderjeet Singh				
02:30 PM 02:32 PM	09:30 PM 09:32 PM	Closing Words Axel Weimann	Closing Words Chris Busby	Closing Words Franco Marano, Calvin Yin	Closing Words David Kaley, Yoichi Higuchi	Closing Words Dr. Mikkel Moerup	
02:32 PM 02:35 PM	09:32 PM 09:35 PM	Switch Stages					
02:35 PM 02:55 PM	09:35 PM 09:55 PM	Stage 1 Livestreaming from the Innovation Center Closure & Announcement Advanced Manufacturing Stages Prof. Dr. Konrad Saur, Sarah Yvonne Elsser (Tech-Moderator)					
02:55 PM 03:30 PM	09:55 PM 10:30 PM	Stage 1 Sustainable material and product solutions Dr. Maike Khosrawi, Anja Dobrinsky	Stage 2 Rapid prototyping in a sealing environment Dr. Monica Crudu, Dr. Christoph Wehmann	Stage 3 Sealing challenges of the future: hydrogen and new fuels Philipp Hirstein, James Simpson	Stage 4 Environmentally friendly & energy efficient applications Joe Dawber, Prof. Dr. Konrad Saur	Stage 5 Digital tools to support customer needs Tim von der Bey, Steve Triplett, Domenico Tucci	Stage 6 Reducing friction with innovative surface treatments Uwe Hähnel, Thorsten Nitze