

Timeline	Tuesday	Wednesday	Thursday	Friday
7:00 - 7:30				
7:30 - 8:00				
8:00 - 8:30		Bus transfer (from hotel)		
8:30 - 9:00		<b>Registration</b>	Bus transfer (from hotel)	Bus transfer (from hotel)
9:00 - 9:30		<b>Welcome</b>	<b>Keynote presentation</b> (Prof. Dr.-Ing. Eberhard Abele, TU Darmstadt)	<b>Guided plant tour (optional)</b>
9:30 - 10:00		DFG, CAPES, Prof. Dr.-Ing. Tilo Pfeiffer, Prof. Dr.-Ing. Reiner Anderl	<b>Development of a dental milling machine</b> (Dipl.-Ing. Matthias Reck, DATRON AG)	- Freudenberg
10:00 - 10:30		<b>Keynote presentation: Model Based Systems Engineering - Beyond Requirements Engineering</b> (Dr.-Ing. Marcus Krastel, Siemens AG)	<b>Integrated Data Driven Vehicle Development Process</b> (Dr.-Ing. Oliver Weitzmann, Adam Opel AG)	- Continental
10:30 - 11:00		Coffee break	Coffee break	
11:00 - 11:30		Manufacturing Of Structured Surfaces Via Grinding	ConTexTool - Surface Conditioning and Texturing of Cutting Tools for the Optimization of Machining Processes	
11:30 - 12:00		ManuNanoDep – Manufacturing Process of Nanostructured Deposition Coating	Rapid solidification and advanced manufacturing of Cu-based shape memory alloys with complex geometries	
12:00 - 12:30		Micro-O – Micro Milling Process Optimization	Development of wear resistant and self-lubricating coatings on sintered steels from polymer-derived ceramics (PDCs)	Bus transfer (from hotel)
12:30 - 13:00		Lunch	Lunch	
13:00 - 13:30				
13:30 - 14:00				
14:00 - 14:30		CogMet - Cognitive Production Metrology for Flexible Small Series Production	I2MS2C – Integrating Intelligent Maintenance Systems and Spare Parts Supply Chains (room R.048)	CTMetro - Methods for fast setup and robust dimensional measurements with industrial x-ray computed tomography
14:30 - 15:00		Evaluation of sheet metal covers to improve tool life in Forging	SCoPE – Smart Components within Smart Production Processes and Environments (room R.048)	DINTOR – Fundamentals for the Realization and Measurement of Dynamic Torque
15:00 - 15:30		IDDMetro – Non-Destructive Impact Damage Detection on Carbon Fiber Reinforced Plastics	Integrating Intelligent Maintenance Systems and Spare Parts Supply Chains (room R.048)	<b>Closing Session</b>
15:30 - 16:00		Coffee break		
16:00 - 16:30		Low Cost and Reliable Production of Oxide Ceramic Matrix Composites	Bulk metal formed parts for power plants (room R.048)	Coffee break
16:30 - 17:00		Production of EDM Electrodes by Layer Manufacturing Technique	Influence of the manufacturing process on the subsequent residual stress relaxation in AISI 4140 steel (room R.048)	Bus transfer (to hotel)
17:00 - 17:30				
17:30 - 18:00		Bus transfer		
18:00 - 18:30	<b>Come TUgether</b>	<b>Konferenzdinner</b>	Bus transfer (from hotel)	<b>Social-Programm (optional)</b>
18:30 - 19:00	and registration		<b>Traditional German Christmas goose dinner (optional)</b>	- Weihnachtsmarkt
19:00 - 19:30				- Brauerei Grohe
19:30 - open	Bus transfer (to hotel)	Bus transfer (to hotel)	Bus transfer (to hotel)	

	Programm in room 18
	Project presentation in room 18 or R.048
	Additionally programm

Zeitraumen	Dienstag	Mittwoch	Donnerstag	Freitag
7:00 - 7:30				
7:30 - 8:00				
8:00 - 8:30		Bustransfer (ab Hotel)		
8:30 - 9:00		<b>Registrierung</b>	Bustransfer (ab Hotel)	Bustransfer (ab Hotel)
9:00 - 9:30		<b>Welcome</b>	<b>Keynote-Vortrag</b> (Prof. Dr.-Ing. Eberhard Abele, TU Darmstadt)	<b>Werksführung (optional)</b> - Freudenberg - Continental
9:30 - 10:00		DFG, CAPES, Prof. Dr.-Ing. Tilo Pfeiffer, Prof. Dr.-Ing. Reiner Anderl	<b>Development of a dental milling machine</b> (Dipl.-Ing. Matthias Reck, DATRON AG)	
10:00 - 10:30		<b>Keynote-Vortrag: Model Based Systems Engineering - Beyond Requirements Engineering</b> (Dr.-Ing. Marcus Krastel, :em AG)	<b>Integrated Data Driven Vehicle Development Process</b> (Dr.-Ing. Oliver Weitzmann, Adam Opel AG)	
10:30 - 11:00		Kaffeepause	Kaffeepause	
11:00 - 11:30		Manufacturing Of Structured Surfaces Via Grinding	ConTexTool - Surface Conditioning and Texturing of Cutting Tools for the Optimization of Machining Processes	
11:30 - 12:00		ManuNanoDep – Manufacturing Process of Nanostructured Deposition Coating	Rapid solidification and advanced manufacturing of Cu-based shape memory alloys with complex geometries	
12:00 - 12:30		Micro-O – Micro Milling Process Optimization	Development of wear resistant and self-lubricating coatings on sintered steels from polymer-derived ceramics (PDCs)	Bustransfer (zum Hotel)
12:30 - 13:00		Mittagspause	Mittagspause	
13:00 - 13:30				
13:30 - 14:00				
14:00 - 14:30		CogMet - Cognitive Production Metrology for Flexible Small Series Production	I2MS2C – Integrating Intelligent Maintenance Systems and Spare Parts Supply Chains (Raum R.048)	CTMetro - Methods for fast setup and robust dimensional measurements with industrial x-ray computed tomography
14:30 - 15:00		Evaluation of sheet metal covers to improve tool life in Forging	SCoPE – Smart Components within Smart Production Processes and Environments (Raum R.048)	DINTOR – Fundamentals for the Realization and Measurement of Dynamic Torque
15:00 - 15:30		IDDMetro – Non-Destructive Impact Damage Detection on Carbon Fiber Reinforced Plastics	Integrating Intelligent Maintenance Systems and Spare Parts Supply Chains (Raum R.048)	<b>Closing Session</b>
15:30 - 16:00		Kaffeepause		
16:00 - 16:30		Low Cost and Reliable Production of Oxide Ceramic Matrix Composites	Bulk metal formed parts for power plants (Raum R.048)	Kaffeepause
16:30 - 17:00		Production of EDM Electrodes by Layer Manufacturing Technique	Influence of the manufacturing process on the subsequent residual stress relaxation in AISI 4140 steel (Raum R.048)	Bustransfer (zum Hotel)
17:00 - 17:30				<b>Social-Programm (optional)</b> - Weihnachtsmarkt - Brauerei Grohe
17:30 - 18:00		Bustransfer		
18:00 - 18:30	<b>Come TUgether</b>	<b>Konferenzdinner</b>	Bustransfer (ab Hotel)	
18:30 - 19:00	mit Registrierung		<b>Weihnachtsgansessen (optional)</b>	
19:00 - 19:30				
19:30 - open	Bustransfer (zum Hotel)	Bustransfer (zum Hotel)	Bustransfer (zum Hotel)	

	Kernprogramm in Raum 18
	Projektpräsentation in Raum 18 oder R.048
	Rahmenprogramm