



	Day	Time slot	Title	Lecturer	Affiliation
BZ	17 Mon	8:00-10:00	Numerical tools for tribological studies	Franco Concli	UNIBZ
		10:15-12:15	Bearing lubrication	Lorenzo Maccioni	UNIBZ
		14:00-16:00	Fatigue	Lorenzo Pagliari	UNIBZ
		16:15-18:15	Industrial Automation	Amelie Chevalier	Antwerpen
BZ	18 Tue	8:00-10:00	Contribution to Sustainability by Simulation in Rolling Bearing Technology	Oliver Koch	TUK
		10:15-12:15	Contribution to Sustainability by Simulation in Rolling Bearing Technology	Oliver Koch	TUK
		14:00-16:00	Project Work	Franco Concli / Lorenzo Maccioni	
		16:15-18:15	Project Work	Franco Concli / Lorenzo Maccioni	
 <p>EVENING 19:00-22:00 NIGHT SKI @ Obereggen DOLOMITES</p>					
BZ	19 Wed	8:00-10:00	Digital twin technologies in automotive design	Wim De Roeck	KU Leuven
		10:15-12:15	Digital twin technologies in automotive design	Wim De Roeck	KU Leuven
		14:00-16:00	Sustainability in the automotive sector: The current landscape for powertrain electrification and renewable fuels'	Josh Lacey	KU Leuven
		16:15-18:15	Studies of aerodynamical systems using CFD codes	Inigo Errasti	UPV
BZ	20 Thu	8:00-12:15	TBD	Björn Schäfer	FHD
		14:00 - 15:00	Advanced Computational Models for the Simulation and Optimization of Manufacturing Processes	Walburga Kerschbaumer	UNIBZ
		15:00 - 16:00	Modelling Complex Systems and Supply Chains - Through System Dynamics Towards the Circular Economy	Sergio Salimbeni	USAL
		16:15 - 17:15	Flexible, reconfigurable, and adaptable Digital Twin architectures	Matteo De Marchi	UNIBZ
		17:15-18:15	Visit Smart Mini Factory - Cybersecurity in Cyberphysical Production Systems	Matteo De Marchi and Raphael Vallazza (Endian srl)	Endian srl
BK	21 Fri	07:30 - 09:00	<i>Arrival Brunico</i>		
		09:00 - 10:15	Sustainable Manufacturing	Erwin Rauch	UNIBZ
		10:30 - 11:30	Systems Engineering and MBSE for Sustainable Factory Design Decomposition	Ali Bataleblu	UNIBZ
		11:30 - 12:15	Product Life Cycle Assessments - A Case Study from Automotive Industry	Davide Don	FHI
		12:15 - 13:30	<i>Lunch</i>		
		13:30 - 14:00	Welcome Automotive Excellence South Tyrol - Current and Future Challenges for the Automotive Sector	Florian Niedermayr	AES
		14:00 - 14:30	<i>Transfer to companies</i>		
		14:30 - 16:45	Visit of Automotive Companies		AES
16:45 - 18:15	<i>Transfer to Bolzano</i>				