

Location	Day	Time slot	Title	Lecturer	Affiliation
room B1.1.14	Mon 23.03.26	9:00 - 10:00	Welcome and Introduction	Prof. Franco Concli	Free University of Bolzano (Faculty of Engineering) - Italy
		10:15 - 13:00	Introduction to Tribology and Lubrication	Dr. Lorenzo Maccioni	Free University of Bolzano (Faculty of Engineering) - Italy
		13:00 - 14:00	Lunch Break		
		14:00 - 16:00	Digital twin/technologies in the automotive sector	Prof. Wim De Roeck	KU Leuven (Department of Mechanical Engineering) - Belgium
		16:15 - 17:30	Sustainability in the automotive sector: aims, attitudes and adaptations	Prof. Joshua Lacey	KU Leuven (Department of Mechanical Engineering) - Belgium
room B1.1.14	Tue 24.03.26	08:00 - 10:00	Contribution to Sustainability by Simulation in Rolling Bearing Technology	Prof. Oliver Koch	RPTU Kaiserslautern-Landau (Department of Mechanical and Process Engineering) - Germany
		10:15 - 12:15			
		12:15 - 13:30	Lunch Break		
		13:30 - 15:30	Gears	Prof. Carlo Gorla	Politecnico di Milano (Dipartimento di Meccanica) - Italy
		15:45 - 17:45	Thermographic diagnostics for sustainable gears characterisation in automotive drivetrains	Prof. Francesca Curà / Dr. Luca Corsaro	Politecnico di Torino (Dipartimento di Ingegneria Meccanica e Aerospaziale)/Politecnico di Torino (Dipartimento di Meccanica) - Italy
room B1.1.14	Wed 25.03.26	08:00 - 10:00	Lightweight design methods in structural mechanics	Prof. Giorgio De Pasquale	Politecnico di Torino (Dipartimento di Ingegneria Meccanica e Aerospaziale) - Italy
		10:15 - 12:15			
		12:15 - 13:30	Lunch Break		
		13:30 - 15:30	Workshop	Prof. Franco Concli	Free University of Bolzano (Faculty of Engineering) - Italy
		15:45 - 17:45		Dr. Lorenzo Maccioni / Dr. Lorenzo Pagliari	Free University of Bolzano (Faculty of Engineering) - Italy
room B1.1.14	Thu 26.03.26	08:00 - 10:00	Industrial Automation	Prof. Amelie Chevalier	Univserity of Antwero (Faculty of Applied Engineering) - Belgium
		10:15 - 12:15	Topic to be defined	Dr. Lorenzo Pagliari	Free University of Bolzano (Faculty of Engineering) - Italy
		12:15 - 13:30	Lunch Break		
		13:30 - 15:30			
		15:45 - 17:45	Workshop	Prof. Franco Concli	Free University of Bolzano (Faculty of Engineering) - Italy
NOI BRUNICO	Fri 27.03.26	07:30 - 09:00	Arrival Brunico (transfer by bus organized by unibz)		
		09:00 - 09:15	Welcome NOI Brunico		
		09:15 - 10:00	Why Sustainable Manufacturing?	Prof. Erwin Rauch	Free University of Bolzano (Faculty of Engineering) - Italy
		10:00 - 10:45	Energy Efficiency through Energy Audits	Dr. Marwa Ben Ali	Free University of Bolzano (Faculty of Engineering) - Italy
		10:45 - 11:30	Circular Economy Guidelines and Examples	MSc. Johanna Kargruber	Free University of Bolzano (Faculty of Engineering) - Italy
		11:30 - 12:00	Digital Process Automation in Automotive	Leonhard Holzner	Abuscom
		12:00 - 13:30	Lunch Break		
		13:30 - 14:00	Transfer to Companies		
		14:00 - 16:15	Company Visits: Intercable - GKN Driveline - GKN Sinter Metals - Euroclima (4 groups)	together with guides from UNIBZ	Companies
		16:15 - 17:45	Transfer to Bolzano (transfer by bus organized by unibz)		