

	4:00PM-5:45PM	5:45PM-7:30PM	7:30PM-9:15PM
Monday 15 Nov 2021	Automotive basics - development process and intellectual property Francesco Leali - UniMoRe	Automotive basics - vehicle layout Andrea Petruccioli - UniMoRe	Principles of vehicle dynamics Alexander Schramm - PACCAR Inc
Tuesday, 16 Nov 2021	Topology optimization for advanced manufacturing Massimiliano de Agostinis - UniBo	Fatigue behaviour of advanced manufactured parts Massimiliano de Agostinis - UniBo	Introduction to advanced manufacturing Elena Bassoli - UniMoRe
Wednesday, 17 Nov 2021	Advanced manufacturing technologies - I Elena Bassoli - UniMoRe	Advanced manufacturing technologies - II Elena Bassoli - UniMoRe	Advanced manufacturing technologies - III Elena Bassoli - UniMoRe
Thursday, 18 Nov 2021	Energy Modeling, Simulation, Optimization and Control of Advanced Vehicles - I Giovanni Franceschini - UniMoRe	Energy Modeling, Simulation, Optimization and Control of Advanced Vehicles - II Giorgio Rizzoni - Ohio State University	Chassis design: virtual delivery and type approval test Sara Mantovani - UniMoRe
Friday, 19 Nov 2021	Energy storage and EV design Claudio Rossi - UniBo	Introduction to powertrain modeling and control - I Nicolò Cavina - UniBo	Introduction to powertrain modeling and control - II Nicolò Cavina - UniBo
Monday, 22 Nov 2021	Low carbon vehicles in FoA Alberto Bellini - UniBo	FoA and antennas Andrea Notari - ASK industries	Optimization in the future of mobility Daniele Vigo - UniBo
Tuesday, 23 Nov 2021	Intro to connected vehicles Alessandro Bazzi - UniBo	Cloud and slicing for automotive Carla Raffaelli, Walter Cerroni - UniBo	5G for automotive Riccardo Trivisonno - Huawei Technologies Germany
Wednesday, 24 Nov 2021	Short-range vehicular connectivity Vincent Martinez - NXP	Python for data management and ML in automotive - I Alex Marchioni - UniBo	In vehicle connectivity Carlo Augusto Grazia - UniMoRe
Thursday, 25 Nov 2021	Interaction engineering for automotive Roberto Montanari - RE:LAB	Automotive and private law Enrico Al Mureden - UniBo	Safety rules and liability rules between traditional cars and driverless cars Enrico Al Mureden - UniBo
Friday, 26 Nov 2021	Satellite services for FoA Alessandro Vanelli Coralli - UniBo	Optimization based Maneuvering and Coordination of Autonomous Vehicles Giuseppe Notarstefano - UniBo	Pollution, vehicle emissions and unfair practices. Dieseltgate Matteo De Pamphilis - UniBo
Monday, 29 Nov 2021	Automotive sensors Sabrina Conoci - UniMe/STM	The Future of Mobility: technical, business, legal, consumer considerations Sven Beiker - Silicon Valley Mobility and Stanford Graduate School of Business	Mobility Trends in and from Silicon Valley - Waymo, Tesla, Uber and more Sven Beiker - Silicon Valley Mobility and Stanford Graduate School of Business
Tuesday, 30 Nov 2021	Decision making for safety-critical autonomous vehicles Marco Pavone - Stanford University	Optimization of on-demand mobility Marco Pavone - Stanford University	The new regulatory challenge for autonomous vehicles: focus on civil liability issues Isabella Ferrari - UniMoRe
Wednesday, 1 Dec 2021	The necessity of creativity Giovanni Emanuele Corazza - UniBo	The science of creative thinking Sergio Agnoli - UniTs	Experimenting with the creative thinking process Sergio Agnoli - UniTs
Thursday, 2 Dec 2021	Ethical issues in autonomous vehicles Giovanni Sartor - UniBo	Liability in highly automated transport systems: a sociotechnical analysis Giuseppe Contissa - UniBo	Legal clinic on the Tesla case Enrico Al Mureden - UniBo Emanuela Maio - UniPr
Friday, 3 Dec 2021	Soft skills and project management - I Roberto Verdone - UniBo	Soft skills and project management - II Roberto Verdone - UniBo	Python for data management and ML in automotive - II Alex Marchioni - UniBo

all hours in Rome (UTC+1) timezone



Industrial Engineering
Information Engineering
Law and Ethics
Transversal knowledge and skills

Monday, 15 November 2021, 3:15PM-4:00PM
Welcome and organization
Riccardo Rovatti