

Professional Programme RMS SUMMER SCHOOL 2022 - Status March/2022												
Friday 19/08/2022		Weekend 20&21/08/2022	Monday 22/08/2022	Tuesday 23/08/2022	Wednesday 24/08/2022	Thursday 25/08/2022	Friday 26/08/2022					
Introduction		Weekend optional with Buddies e.g. Düsseldorf (State Capital NRW)	Infrastructures	Innovations "Smart Mobility"	Innovations "Smart Mobility"	from sustainability perspective	Final					
learning outcome	1. Sensibility and strategies for working in intercultural teams, reflection of cultural diversity 2. keywords, topics and methods		structures, systems and forms of organisation of mobility	get to know new trends and developments concerning <i>Smart Mobility</i>	get to know new trends and developments concerning <i>Smart Mobility</i>	reflection and classification of mobility under consideration of sustainability	Final conclusion Group work presentations					
09:00-10:45	Registration Greeting: Presentation of programme Kick-off Group work Warm-up		09:00-10:00	Impulse talk: Presentation: Institute for Electro Mobility (HS BO) Prof. Dr. Haydar Mecit (HS BO)	09:00 – 10:00	Impulse talk: Sensing, interacting and sharing: Rethinking how to get around Prof. Dr. Andreas Becker (FH DO)	09:00-10:00	Impulse talk: Challenges associated with AGV for smart manufacturing Prof. Dr. Damian Grzechca (Silesian University of Technology, Poland)	09:00-10:00	Impulse talk: Circular Economy for Lithium Ionen batteries, ideas and barriers Prof. Dr.-Ing. Ralf Holzhauer (WH)	09:00 – 09:15	Conclusion
10:45-11:00	Break		10:00-11:00	Impulse talk: Energy management in metropolitan emobility charging infrastructures EMEL Prof. Dr.-Ing. Aron Teermann (WH)	10:00 - 11:00	Impulse talk: Urban logistics – freshly thoughts of goods transport for major cities Christian Kühnhold (Smart City Loop GmbH)	10:00 – 11:00	Impulse talk: The role of machine learning for highly automated vehicles Dipl.-Ing. Mirko Meuter (Aptiv Services GmbH)	10:00 – 11:00	Impuls talk: Changing models of urban development with regard to mobility in the Ruhr Metropolis Prof. Dipl.-Ing. Andreas Fritzen (HS BO)	09:15– 11:15	Exhibition of posters Group work presentations
11:00 – 12:00	Introductory talk: What could be smart about mobility? An introduction to "Smart Mobility" Marc Schelewsky (infas)		11:00-11:15	Break	11:00-11:15	Break	11:00-11:15	Break	11:00-11:15	Break	11:15-11:30	Break
12:00-12:30	Your mobility behavior		11:15 - 12:15	Impulse talk: Cycling infrastructure in metropolitan ares: "Radschnellweg Ruhr RS1" as an example Prof. Dr.-Ing. Iris Mühlenbruch (HS BO)	11:15-12:15	Impulse talk: ANTRIC ONE - A cargo bike for city logistics and last mile delivery Eric Diederich (ANTRIC GmbH) (short impulse talk with practical experience on the cargo bike)	11:15-12:15	Impulse talk: SHAREuregio and SkyCab: Sustainable mobility concepts for today and tomorrow Elisabeth Köppen, Torsten Merkens (FH Aachen, European Center for Sustainable Mobility) (Promotionskolleg nrw)	11:15-12:15	Impulse talk: Sustainability assessment of mobility systems Prof. Dr. Jan Paul Lindner (HS BO)	11:30 13:30	Digital Networking-Event in cooperation with "Summer School on Green Business and Susatinability Network"
12:30 - 13:15	Lunch break		12:15-13:00	Lunch break	12:15-13:00	Lunch break	12:15 – 13:00	Lunch break	12:15 – 13:00	Lunch break	13:30 – 13:45	Best poster award
13:15 - 17:00	Cross-Cultural Connection workshop		12:15 - 15:30	Excursion	13:00 – 15:30	Master Workshop I N.N. Mobilitytheme Master-Workshop II Technology in the reflection of society Prof. Dr. Michael Radermacher (HS BO)	13:00 – 16:00	Excursion	13:00 – 14:30	Panel Discussion	14:00	Farewell
					13:00 – 15:30	Bachelor Workshop I Simulation of Autonomous Vehicles with CARLA and Python Prof. Dr. Stephan Weyers Bachelor Workshop II Mobility economy Prof. Dr. rer. pol. Stephan Keuchel & Prof. Dr. Charles McKay (WH, Institute for Mobility and Transport (MoVe))						
					15:30	Teambuilding event						