

Stream D: ruhrvalley- Sustainable Electrical Mobility in Metropolitan Regions

- Organizer: Stefanie Bengfort, Gerd Uhe, Martin Hellwig
- Target Group: Engineers (Information Technology, Embedded Systems, eMobility), Project Management, Sustainability
- Short Description:
 - The aim is to develop digitalized and/or electrified mobility concepts for the metropolitan region of the ruhr valley. The students will be grouped in interdisciplinary teams of 3-4. They will develop the technical concept, the business case, a feasibility study and a market introduction concept. Results will be presented to a jury of industry experts and academics.
- Partners: ruhrvalley companies: Auktora (t.b.c),
- Available Seats: 25
- Prerequisites: none
- Recognition of Credits:
 - Master ESM: Mini Project in IESD (MOD1-05) or assignment in R&D Project Management (MOD2-03)
 - EuroMPM: Cross-Border Project A in Transversal Skills (Module D)
 - Master Informatik: *Masterseminar* => 50% of the assignments (equals 3 ECTS), in combination with a homework about the workshop topic the module with 5 ECTS can be awarded.
 - Master Informationstechnik: *Projektarbeit 1 oder 2* => 50% of the assignments (equals 3 ECTS), in combination with a homework the module with 6 ECTS can be awarded (confirmation with Ingo Kunold).



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Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00- 11:00	Emil-Figge-Str. 43 (REFA): ALL: Opening and Introduction to the Winter School	Mini Lecture: Innovation Management	Mini Lecture: eCar components and systems	Mini Lecture: xxx	Group Work: in teams => preparing presentations
11:00- 12:30	ruhrvalley: Introduction, Joint formulation of the task	Group Work: Project Planning and Schedule, Concept for research	Group Work: in teams => prepare questions and slides	Group Work: in teams	Team Presentation: Trial Run & Feedback
12:30- 13:30	Lunch break	Lunch break	Lunch break	Lunch Break	Lunch Break
13:30- 15:30	Mini Lecture: eMobility	Team Presentation: Concepts & Plan	Location (xxx): Mid term presentation with ruhrvalley, Q&A	Group Work: in teams	Emil-Figge-Str. 43 (REFA): presentations and rehearsal with ruhrvalley
16:00- 18:00	Team Setup: => Belbin Test, Roles & Infrastructure	Group Work: in teams	Group Work: in teams ALL: Social Event	Group Work: in teams	ALL: Kick out and feedback (evaluation)