



EPiCo
Electric Vehicle Propulsion and Control

With the support of the
Erasmus+ Programme
of the European Union



WINTER SCHOOL

February 6th to 10th 2023 - Virtual



Schedule

Day 1 - February 6, 2023

- 09:00** Opening of the Winter School and presentation of e-mobility activities in **CENTRALE NANTES** - *Prof. Malek GHANES*
- 10:00** **UNIVERSITA DEGLI STUDI DELL'AQUILA** - *Prof. Stefano DI GENNARO*
- 14:00** **RENAULT** - "Passenger vehicles electrified powertrains" - Serge Loudot
- 15:30** **NÜWIEL** - "Sustainable transportation with Electric Trailers"
Lorenz HOPFMÜLLER

Day 2 - February 7, 2023

- 09:00** On site visit of RENAULT electric engine bench at CENTRALE NANTES
Prof. Malek GHANES

Day 3- February 8, 2023

- 09:00** **MICROCHIP** - "Embedded Solutions for e-Mobility Applications"
Cristian PAPUC
- 10:30** "Energy Management and Control of EVs with Hydrogen Range Extender Challenges and opportunities." - *Ivan PERMIIAKOV*
- 14:00** "Bidirectional Electric Vehicle Charger Control" - *Houssein AL ATTAR*
- 15:30** "Strong left-invertibility and strong input-observability of time-delay systems" - *Yahao Chen*

GROUPE RENAULT



NÜWIEL

Schedule

Day 4 - February 9, 2023

- 10:00** **CHRISTIAN-ALBRECHTS-UNIVERSITÄT ZU KIEL** - "Pathways for System Level Optimization of High Power Battery Packs" - *Dr.-Ing. Harmzeh BEIRANVAND*
- 11:00** **UNIVERSITATEA POLITEHNICA DIN BUCURESTI**
Prof. Dan STOICHESCU / Dr. Octaviana DATCU
- 14:00** **SIEMENS** - "Siemens Digital Industries Software - System simulation"
Victor DEZOBRY

Day 5 - February 10, 2023

Day trip with the students.

Visit of the Chantiers de l'Atlantique and Airbus in St Nazaire

SIEMENS



Kiel University
Christian-Albrechts-Universität zu Kiel



Please note that this year the Winter School was reserved for E-PiCo students