





STUDENT TRAINING WEEKS

SEPTEMBER 11 - 22, 2023











Participating Jordanian Partner Universities









University $\mathbf{M}\mathbf{U}$



University TTU



Al-Balga Appl. Univ. BAU



Al-Hussein Tech. Univ. HTU



Applied Sc. Univeristy **ASU**



ZUJ

EVENT COORDINATORS:	Prof. Carlo VILLANTE – Prof. Michele ANATONE
HOSTING INSTITUTION:	University of L'Aquila, Italy
LOCATION:	UnivAQ - University of L'Aquila – ITALY
CONTACTS:	CARLO.VILLANTE@UNIVAQ.IT - MICHELE.ANATONE@UNIVAQ.IT





TRAINING AGENDA – DAY 1 - SEPTEMBER 11, 2023 – UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO

10:00	Participants Registration
10:30	Greeting addresses by: DIIIE Director – Prof. Eng. Walter D'Ambrogio
11:00	Brief Presentation on the ECOCAR Project: D'Innocenzo/Calabrese
11:30	Brief Auto-presentations by the Participants



University of Jordan UJ



Jordan Univ. of Sc & Tech JUST



Mutah University **MU**



Tafila Tech. University TTU



Al-Balqa Appl. Univ. **BAU**



Al-Hussein Tech. Univ. **HTU**



Applied Sc. University **ASU**



Al-Zaytoonah Un. of Jordan **ZUJ**

12:30

Presentation of the training Agenda and of the hosting institutions



UnivAQ



DIIIE Department



CITraMS Inter-Departmental. Center



ExEmerge Center of Excellence

13:00	Lunch Break @ UnivAQ Canteen
14:30	Visit to DIIIE Internal Combustion Engines Laboratory
15:30	Visit to CITraMS Virtual Driving Laboratory

TRAINING AGENDA – DAY 2 - SEPTEMBER 12, 2023 – UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO

10:00	Prof. Carlo Villante - Future scenarios for a Sustainable Hybrid and Electric Mobility
11:30	Prof. Carlo Villante -Propulsion Systems Dynamics & Control
13:00	Lunch Break @ UnivAQ Canteen
14:30	Prof. Michele Anatone – ICE in Hybrid Vehicles





TRAINING AGENDA - DAY 3 - SEPTEMBER 13, 2023 - UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO	
10:00	Prof. Fabri – Electric Drives and converters for EVs
11:30	Prof. Fabri – Electric Motors for EVS
13:00	Lunch Break @ UnivAQ Canteen
14:30	Prof. Feliziani/De Santis – Wireless Charging Systems for EVs

TRAINING AGENDA - DAY 4 - SEPTEMBER 14, 2023 - UNIVAQ "COPPITO POLE" PIAZZALE S. TOMMASI 1, COPPITO	
10:00	Prof. Santucci – The EMERGE project on connected and automated driving
11:30	Prof. Cinque – Application classes and communication technologies for connected vehicles
12:00	Prof. D'Innocenzo – Machine learning and control theiry for automated driving
12:30	Prof. Tiberti – Cybersecurity frameworks for connected vehicles
13:00	Lunch Break @ UnivAQ Canteen
14:30	Valentini, Chiocchio, Persia, Zitella, Ioannucci, Stangherlin, Sulli Valentini Visit to experimental facitilities and presentation of main research projects

TRAINING AGENDA - DAY 5 - SEPTEMBER 15, 2023 - EXTERNAL VISIT @ ENEA CASACCIA RESEARCH CENTER - OSTERIA NUOVA - ROME	
7:30	Leave from L'aquila
9:30	Visit to ENEA Labs for Low Environmental Impact Vehicles
13:00	Lunch Break @ ENEA Canteen
14:30	Visit to Historical Militar Avionics Museum in Anguillara
16:00	Travel back to L'aquila





TRAINING AGENDA - DAY 6 - SEPTEMBER 18, 2023 - UNIVAQ "COPPITO POLE"
PIAZZALE S. TOMMASI 1. COPPITO

10:00	Prof. Santucci - Guided Experiences On Connected Vehicles
13:00	Lunch Break @ UnivAQ Canteen
14:30	Guided L'Aquila city tour with the Jordanian students

TRAINING AGENDA - DAY 7 - SEPTEMBER 19, 2023 - UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO

10:00	Prof. De Santis / Eng. Campi – On the design of a Wireless Charging Station for EVs
13:00	Lunch Break @ UnivAQ Canteen
14:30	Eng. Campi – Guided exercitations on Wireless Charging Station for EVs

TRAINING AGENDA – DAY 8 - SEPTEMBER 20, 2023 – UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO

10:00	Prof. Di Bartolomeo/Di Battista: Guided experimental activities @ DIIIE ICE Labs
13:00	Lunch Break
14:30	Prof. Fatigati/Di Battista: Guided simulation activities @ DIIIE ICE Labs

TRAINING AGENDA – DAY 9 - SEPTEMBER 21, 2023 – UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO

10:00	Prof. Carlo Villante – Guided simulations of dynamical Vehicle energetic behavior
13:00	Lunch Break @ UnivAQ Canteen
14:30	Prof. Carlo Villante – On the opportunity of bi-directional V2H charging devices

TRAINING AGENDA – DAY 10 - SEPTEMBER 22, 2023 – UNIVAQ "ROIO POLE" PIAZZALE ERNESTO PONTIERI, ROIO

10:00	Prof. Villante/Anatone – Guided discussion about students experience Quality evaluation of the training week Q/A session
13:00	Lunch Break @ UnivAQ Canteen
14:30	Students Certificates and Training Weeks Closure