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Sponsors



F O R M U L A ELECTRIC & HYBRID ITALY

7-9 October 2009

ENEA "Casaccia" Centre
Via Anguillarese 301
Santa Maria di Galeria
(Roma) - ITALY



The progress in the field of sustainable technology for ecological vehicles with low or zero environmental impact, which should constitute a mandatory commitment for all actors involved, can get substantial benefits by the coordinated actions from academy and industrial world.

The technologies, which are object of the present research activities, are mainly related to hybrid, battery electric and fuel cell systems.

It is important that the achievements and the results of the research actions are brought to the public attention and demonstrated, in order to create and diffuse the culture of vehicles addressing environment conservation, energy saving, effective performance and to stimulate the market acceptance and further technology development.

The merge of academy institution and industry is an opportunity to promote the transfer of research, to put in evidence further needs of developments and to stimulate an interaction of initiatives among student teams and between university and industry.

Formula Electric and Hybrid Italy (EHI) is addressing these objectives and involves university students operating in team, sponsor industries and research institutions.

Students and young engineers are encouraged and stimulated, in this competitive event, to produce their best performance in technology innovation for the future sustainable mobility.

The annual sequence of the events allows a progressive updating of the state of the art for the various types of vehicles and ecological systems and contributes to identify the opportunity of future developments.

These types of event constitute milestones for technology benchmarking and identification of evolution trends.

7 October

- 7.30 – 9.00 Teams arrival, participants registration, vehicle and poster positioning, battery charging
- 9.00 – 9.30 **Welcome ceremony**
- 9.30 – 10.00 Team leaders briefing
- 10.00 – 13.30 Class 1-2: Static presentations, technical inspection, vehicle weights, tests
- 12.00 – 13.30 Dry run
- 12.30 – 14.30 Set up of vehicle: fuelling and battery charging
- 13.30 – 14.30 Lunch break
- 15.00 – 18.30 Endurance/Energy
- 16.00 – 19.00 Class 3: General presentation-Engineering Design
- 16.30 – 19.30 Energy consumption measurement
- 19.30 **END OF WORKS**

Programme

- 7.30 Teams arrival
- 8.00 Competition scoring
- 9.00 – 9.30 Drivers briefing
- 9.30 – 11.30 Autocross
- 11.30 – 13.30 Acceleration
- 13.30 – 14.30 Lunch break and battery recharge
- 14.30 – 19.00 Performance evaluation
- 19.00 **END OF WORKS**

8 October

- 7.30 Teams arrival
- 8.00 Competition scoring
- 8.00 – 8.20 Drivers briefing
- 8.30 – 13.00 Pursuit
- 13.00 – 14.00 Lunch break
- 15.00 Transfer of the vehicles to the Paddock Area
- 16.00 **Award ceremony**

9 October

Judges

Giorgio Stirano	ALBATECH MONACO
Gianpiero Mastinu	President ATA Lombardia Section
Gino Bella	President ATA Lazio Section
Michele Anatone	Università dell'Aquila
Roberto Gentili	President ATA Toscana Section
Rodolfo Gaffino	Director Museo dell'Automobile di Torino
Massimo Ceraolo	Università di Pisa
Paolo Carlucci	Università del Salento
Marco Biancolini	Università di Roma Tor Vergata
Giuseppe Buja	Università di Padova
Peter Van Der Bossche	Vrije Universiteit Brussel
Claudio Fonsati	MICRO-VETT
Renato Librino	4SGroup
Giancarlo Chiatti	Università Roma 3
Giuseppe Rovera	Centro Ricerche Fiat
Vincenzo Delle Site	CNR

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Pasquale Giampietro	Director ENEA Centre
Enrico Chiappini	President ATA Abruzzo Section
Raffaele Vellone	European Union
Luigi Bignardi	Professor Dept. Engineering Machine Università dell'Aquila
Mario Conte	ENEA/CEI CIVES

For information

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