

DRONE CONFERENCE 2015



CELEBRATING THE PAST, DRIVING THE FUTURE

"Enzo Ferrari" Department of Engineering
25 Years of Research and Technology
at Modena and Reggio Emilia University

30th - 31st October, 2015 / Milan (EXPO) - Modena



Ingegneria Modena
Dipartimento di Ingegneria
"Enzo Ferrari"



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

in partnership with:
 **GTECHNOLOGY**
FONDAZIONE ORGANISMO DI RICERCA

PROGRAMME October 30th, 2015

Auditorium Alessandro Rosso EXPO – Milan

10:30 am Registration

11:00 am Scientific meeting

"Unmanned Air Vehicle research and development for environmental and agricultural technologies"

Invited Speakers Chairman Prof. Alessandro Capra

Prof. Alessandro Capra

Department of Engineering Enzo Ferrari (DIEF), University of Modena and Reggio Emilia

"Geomatics with UAV: 3D surveying and environmental monitoring"

Prof. Jakob Jakobsen

Danmarks Tekniske Universitet (DTU), Copenhagen

"UAV activities at The National Space Institute in Denmark. Technical challenges and possibilities"

Prof. Marco Vieri

Department of Agricultural, Food and Forestry Systems (GESAAF), University of Florence

"From hoe to satellite: the Smart revolution in agriculture"

Guest Star Eng. Tamir Plachinsky on Behalf of the Ben-Gurion University of the Negev

12:00 am

Open Discussion

Chairman Prof. Jakob Jakobsen Co-chairman Dott.ssa Stefania Saetti

Short notes will be freely accepted during the session; the following notes have already been scheduled:

Pier Paolo Martini (Beyond Engineering)

"Beyond Engineering : team, vision and people"

Anthony Byron Prada (Beyond Engineering)

"Aerodynamic design of a Vertical Take off and Landing convertiplane fixed wings UAV for research purposes"

Marco Caputo (Beyond Engineering)

"Light weight "flying wing" drone for multipurpose utilization"

Angelo De Vita (Director Park of Cilento)

"Cilento Park: agriculture with new technologies"

Special Guest Santo Versace, Founding President of Altagamma.

History Cases:

Tommaso Solfrini (Italdrone)

Davide Cuttini (Adrontechnology)

Giuseppe Vargiu (Silcis drone)

Marco Dubbini (SAL Engineering)

Opportunities for Italian companies:

Stefano Carrara (Income Revenue Authority of Rome)

"Tax credit for research and development"

Gaetano Scala (Income Revenue Authority of Rome)

"The regime of the Patent box"

During the open discussion the attendee can sign-up for the afternoon R2R meetings.

Please note that GTechnology has developed a specific platform to facilitate the contacts between the attendees and the speakers, the Bodies and the Companies sharing in the meeting.

Durante l' open discussion i partecipanti potranno prenotarsi per gli R2R meetings. Gtechnology ha sviluppato una piattaforma specifica per facilitare i contatti tra i partecipanti e i relatori, le organizzazioni e le imprese che hanno condiviso il convegno.

1:00 pm Light Lunch in EXPO

A buffet-lunch will be offered to the speakers and participants at Alessandro Rosso Pavilion.

Ai relatori e ai partecipanti sarà offerto un buffet all'interno degli spazi di Alessandro Rosso.

2:00 pm R2R Meetings

Meeting desks will be made available at the first floor of Alessandro Rosso Pavilion, for speakers and entrepreneurs to discuss the conference topics. The session is intended to link research competences, industrial partners, and potential investors for generation or improvement of start-up initiatives.

Saranno allestiti tavoli nello spazio al primo piano del padiglione Alessandro Rosso dove Relatori e imprenditori potranno parlare e confrontarsi sugli argomenti trattati durante il convegno. Uno spazio sarà appositamente allestito per la comunicazione e lo scambio di esperienza, con l'opportunità di incontrare finanziatori di iniziative start-up.

5:00pm Meeting in Roserio parking at EXPO and departure to Modena

The transfer to Modena will be organized as follows:

for Attendees: transfer by reserved bus - Buses will be always available for the two-day event;
for Speakers and Guests: transfer by minivan - Minivans will be always available for the two-day event.

Il trasferimento per Modena sarà organizzato come segue:

per i partecipanti: trasferimento con bus riservato - il bus sarà a disposizione per l'intera durata dell'evento
per i relatori: trasferimento con minibus - il minibus sarà a disposizione per l'intera durata dell'evento

7:30 pm Cocktail Dinner at Palazzo Ducale - Accademia Militare di Modena

A Cocktail dinner with tasting of local products will take place at the Ducal Palace, seat of the Military Academy of Modena.

It will be a festive occasion to promote and celebrate the Engineering Department "Enzo Ferrari" and an opportunity to meet entrepreneurs of the Agricultural and Food Processing Sector of the "food valley".

During the cocktail a book will be presented dedicated to "Paper Food", an exhibition which took place in the last months at "Palazzo delle Stelline" in Milan. The book will be illustrated by the exhibition curator Andrea Tomasetig.

L'Apericena con degustazione di prodotti tipici del territorio avverrà presso l'Accademia Militare di Modena. Sarà un'occasione per promuovere e festeggiare il Dipartimento di Ingegneria "Enzo Ferrari" e un'occasione per confrontarsi con imprenditori legati al settore agricolo e del Food Processing.

Per l'occasione sarà presentato il volume dedicato alla mostra "Cibo di Carta" che si è svolta in questi mesi a Palazzo delle Stelline in Milano. Il volume sarà illustrato dal curatore della mostra Andrea Tomasetig.

11:00 pm Transfer to the Hotels

PROGRAMME

October 31st, 2015
Department of Engineering "Enzo Ferrari" and Ferrari Museum

- 9:00 am** **Rendezvous at the Engineering Department "Enzo Ferrari"**
Via P. Vivarelli, 10 interno I, building MO-25 - Modena
- 9:10 am** **Departure to MEF** (Enzo Ferrari Museum)
- 9:30 am** **MEF Guided Tour**
A guide has been reserved for the visit.
- 10:30 am** **Return to the Engineering Department "Enzo Ferrari"**
Welcome coffe
- 11:00 am** **Guided Tour of DIEF Laboratories**
The visit will be organized as follows
- Room FA-O-C, building MO-25, DIEF
Short presentation of DIEF Research activities
Prof. Alessandro Capra – Director of DIEF
- Visit to Research Laboratories at DIEF**
The following Labs will be available for visits and direct contact with researchers
- Virtual Prototyping Laboratory – prof. Marcello Pellicciari
 - Laboratorio Rosso – prof. Stefano Fontanesi
 - 1000 kg Laboratory – prof. Andrea Baldini
 - Imagelab – Multimedia Laboratory – prof. Rita Cucchiara
 - Formula Student Project – dr Matteo Giacomini
- 1:30 pm** **Lunch**
A lunch will be offered to the guests.
- 3:00 pm** **Departure to the Ferrari Gallery of Maranello (MO)**
- 3:30 pm** **Ferrari Gallery guided tour**
A guide has been reserved for the visit.
- 6:00 pm** **Return in Modena**

Partners

