



MASTER IN AEROSPACE SCIENCE AND TECHNOLOGY

..... **Spring Semester Events 2009-2010**

- **Title: "Introduction to Unmanned Aerial Systems (UAS)"**

Speaker: Vincent G. Ambrosia (NASA-Ames Research Center).

Course related: Unmanned Air Vehicles (UAV)

Duration: 2 weeks

Date: 6th – 16th April, 2010

Daily from 11.00

Location: Sala Polivalent CIMNE (Building C3)

- **Title: "Innovative Solutions for Airbone Fire Monitoring: UAS, Intelligent Sensors and Data Visualization Systems"**

Speaker: Vincent G. Ambrosia (NASA-Ames Research Center).

Course related: Unmanned Air Vehicles (UAV)

Duration: 2 weeks

Date: 15th April, 2010

Daily from 16.00

Location: Castelldefels School of Technology (Room 001)

- **Title: "Two-phase flows: Basic equations and direct numerical simulation"**

Speaker: Dr. Dominique Legendre (Institut de Mécanique des Fluides de Toulouse)

Course related: Science in Microgravity (SM)

Duration: 1 week

Date: 12th – 16th April, 2010

Daily 15.00 – 17.00

Location: Sala Polivalent CIMNE (Building C3)

- **Title: "Short Course on Multiphase flow, Phase Change and Heat Transfer in Reduced Gravity"**

Speaker: Prof. J. Iwan D. Alexander (Case Western Reserve University, Cleveland, Ohio USA)

Course related: Science in Microgravity (SM)

Duration: 1 week

Date: 25th – 28th May, 2010
Daily 15.00 – 17.30

Location: Sala Polivalent CIMNE (Building C3)

- **Title: "Dynamical Systems"**

Speaker: Karen M. Page (University College London)

Course related: Science in Microgravity (SM)

Duration: 1 week

Date: 14th – 18th June, 2010
Daily 15.00 – 17.30

Location: Sala Polivalent CIMNE (Building C3)

- **Title: "Convective boundary layer, cloud formation"**

Speaker: Jordi Vilà-Guerau de Arellano (Wageningen University, Netherlands).

Course related: Aviation Weather (AW)

Duration: 10 hours

Date: *coming soon*

Location: Library Conference Room

- **Title: "Stable Boundary Layer, fog formation"**

Speaker: Bas Van de Wiel (Wageningen University, Netherlands).

Course related: Aviation Weather (AW)

Duration: 10 hours.

Date: *coming soon*

Location: Library Conference Room

More information:

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