



# EUSPACE

European Union in Space

## JEAN MONNET MODULE

## SUMMER SCHOOL

European Union in Space  
Law and Technology

**3-7 JULY 2017**  
Imperia Campus of Genoa University

The EUSPACE Summer School is a multi-disciplinary project financed by the European Union, Erasmus Plus Jean Monnet Programme, that aims at giving an analysis of the current main legal and technical issues related to the intervention of the European Union in space.

The venue will be the town of Imperia, located on Italy's north-western coast, easily reachable via Genoa or Nice airports and home to a University Campus where the event will take place from 3rd July to 7th July 2017.

The initiative aims to attract researchers and young professionals in law, political science and engineering, as well as doctoral and post doctoral students dealing with the space sector.

Precisely the participation is opened to students who have attended at least a three years' study university course in the above-mentioned topics.

Students who will attend at least 80% of the lessons will be provided with an attendance certificate by the organisation. Moreover, within the programme a Workshop involving the active participation of students is forecast in order to stimulate their knowledge of the topic.

The speakers will be academics from the University of Genoa and other Universities as well as operators in the field of space industries and institutions. Particularly relevant is the participation of representatives of the European Space Agency and the Italian Space Agency.

### MONDAY 3 JULY 2017

09.00 - 11.00

*Sergio Marchisio* From Space Law to the Law of Space Activities

11.00 - 13.00

*Francesco Munari*

EU Competences In space

13.00 - 14.30 LUNCH

Welcome Cocktail sponsored by CIELI

14.30 - 18.30

*Carlo Caini*

From the Sputnik to Inter Planetary Networking: a concise overview of Space Communications in the last 60 years

### TUESDAY 4 JULY 2017

09.00 - 11.00

*Mario Marchese*

Extended Future Internet: an IP Pervasive Network Including Interplanetary Communication

11.00 - 13.00

*Igor Bisio*

Towards the Internet of Remote Things: Vision, Challenges and Solutions

14.30 - 16.30

*Marco Pedrazzi*

Un Treaties and Civil Liability Rules facing New Space Technologies

16.30 - 18.30

*Michele Piana*

Space satellites for monitoring the Sun. An overview about scientific, technological and societal implications

### WEDNESDAY 5 JULY 2017

9.00 - 11.00

WORKSHOP | *Maria Elena De Maestri*

11.00 - 13.00

*Chiara Cellerino*

Eu-ESA Relationship

14.30 - 18.30

*Francesco Rispoli*

Breakthrough Satellite Technologies for Automated Rail Transport and Driver-less cars applications

### THURSDAY 6 JULY 2017

09.00 - 11.00

*Christian Fuchs*

Optical Free Space Communications

11.00 - 13.00

*Tomaso De Cola*

New trends in Satellite Communications

14.30 - 16.30

*Augusto Cramarossa*

National Space Agencies Facing New European Competences and Policies

16.30 - 18.30

*Frans Von der Dunk*

Private Commercial Spaceflight

19.30 GALA DINNER

Sponsored by SPU - Società di Promozione per l'Università

### FRIDAY 7 JULY 2017

09.00 - 11.00

*Marco Ferrazzani*

ESA Legal framework and competences

11.00 - 13.00

*Carlo Golda*

Legal Framework of Remote Sensing Activities and Data Spread

13.00 - 14.30

*Francesco Amicucci*

Contractual Relationships among Space Actors

14.30 - 18.30 ROUND TABLE

Chairman: *Sergio Maria Carbone*

Discussants: *Francesco Amicucci, Marco Ferrazzani, Carlo Golda*