

## EO Summer School 2016 - DRAFT Programme V04

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
<i>time</i>	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug	06-Aug	07-Aug	08-Aug	09-Aug	10-Aug	11-Aug	12-Aug
09:00-10:00	ESA	AB2	LB2	EP1	AP2			HL3	AL2	TW3	JG3	BC3
10:00-11:00	NC1	MB2	AB3	HL1	EP2			EP3	TW2	JG2	MR2	MR3
11:00-11:30	Coffee	Coffee	Coffee	Coffee	Coffee			Coffee	Coffee	Coffee	Coffee	Coffee
11:30-12:30	MB1	NC2	MB3	LB3	HL2			TW1	JG1	MR1	BC2	ESA
12:30-13:30	AB1	LB1	NC3	AP1	AP3			AL1	BC1	AL3	DA4	Diploma
13:30-14:30	Lunch	Lunch	Lunch	Lunch	Lunch			Lunch	Lunch	Lunch	Lunch	Lunch
14:30-15:30	RS1	RS2	RS3	RS4	RS5			DA1	DA2	DA3	DA4	
15:30-16:30	RS1	RS2	RS3	RS4	RS5			DA1	DA2	DA3	DA4	
16:30-17:30	RS1	RS2	RS3	RS4	RS5			DA1	DA2	DA3	DA4	
17:30-18:00	Poster 1	Poster 2		Poster 3	Poster 4			Poster 5	Poster 6	Poster 7	Poster 8	

### Nektarios Chrysoulakis (NC)

- NC1 Urban Remote sensing applications
- NC2 The exploitation of EO in urban energy budget estimation (focusing on UrbanFluxes)
- NC3 EO-derived surface albedo time series.

### Maria Brovelli (MB)

- MB1 Overview of Free and Open Source Software for Geoinformation (FOSS4G)
- MB2 Citizen Generated Content and FOS Participative Platforms: VGI
- MB3 Citizen Generated Content and FOS Participative Platforms: geocrowdsourced data

### Heather Leson (HL)

- HL1 Building a Citizen Engaged Research Project
- HL2 Crowdsourcing with Geospatial Data-Driven Innovation
- HL3 The Next Million Mappers and MicroTasking

### Angela Bendetti (AB)

- AB1 Atmospheric Composition Modelling and Assimilation
- AB2 Data assimilation principles
- AB3 Use of satellite data for Environmental Monitoring

### Eberhard Parlow (EP)

- EP1 Surface temperature – what does this data tell us about micro-meteorological processes ?
- EP2 Urban climate – analysis of radiation and heat fluxes
- EP3 Long data series – climate related data for global change trend analysis

### Bertrand Chapron (BC)

- BC1 Ocean from Space
- BC2 The restless ocean
- BC3 Surf the wave

### Tim Wriath (TW)

- W2
- TW1 Measuring surface deformation with InSAR
- TW2 Using EO to understand tectonic processes
- TW3 Using EO to understand volcanic processes.

### Lorenzo Bruzzone (LIW1)

- LB1 Change detection in multispectral images
- LB2 Change detection in SAR images
- LB3 Challenges in change detection

### Amos Lawless (AL)

- W2
- AL1 Data assimilation: Introduction and basic principles.
- AL2 Practical algorithms for data assimilation.
- AL3 Applications of data assimilation and current challenges

### Antonello Provenzale (W1)

- AP1 Earth System Modelling 1: Global and regional climate models, climate downscaling
- AP2 Earth System Modelling 2: Ecosystem Modelling
- AP3 Earth System Modelling 3: Coupled Geosphere-Biosphere Modelling

### Jean-Philippe Gastellu (JG)

- JG1 Physics of Remote Sensing
- JG2 Hyperspectral
- JG3 Advanced Remote Sensing

### Michel Van Roozendaal (MR)

- MR1 Remote sensing of the atmospheric composition
- MR2 Ozone variability and long-term changes
- MR3 Global air quality monitoring from space

### PRACTICALS

- DA1 Variational Methods Nicola Pounder, Jose Gomez, Adam El-Said, Phil Browne
- DA2 Ensemble Kalman Methods
- DA3 Parameter Estimation
- DA4 EOLDAS
- DA5 Backup lesson
- RS1 Toolbox Andrea Minchella, Zina Mitraka, Chris Stewart,
- RS2 Toolbox Michael Foumelis, Laure Boudineaud, Victoria Lonca
- RS3 Toolbox Val Byfield, Eleni, Chris Stewart
- RS4 Toolbox
- RS5 LearnEO