

Programme ISOCS Summer School

Monday, 28.9.			
Start	Dur.	Topic	Lecturer
9:00	1:00		
10:00	1:00		
11:00	0:30	Break	
11:30	1:00		
12:30	1:00		
14:30	1:00	Welcome & Students Introduction	Santiago Marco & Students
15:30	1:00	Chemical Sensors I	Markus Graf
16:30	1:00	Chemical Sensors II	Markus Graf
17:30	0:30	Break	
18:00	1:00	Fun with odors	Patrick Mielle

Tuesday, 29.9.			
Start	Dur.	Topic	Lecturer
9:00	1:00	Sampling	Patrick Mielle
10:00	1:00	Analytical Instrumentation	Patrick Mielle
11:00	0:30	Break	
11:30	1:00	Signal Conditioning	Franco Maloberti
12:30	1:00	Open Discussion	
13:30	2:00	Lunch	
15:30	1:00	Signal Conditioning	Franco Maloberti
16:30	1:00	Microcontroller based Sensor Systems	Ferran Reverter
	0:30	Break	
	1:00	Odor Robots	Sergi Bermudez

Wednesday, 30.9.			
Start	Dur.	Topic	Lecturer
9:00	1:00	Biological Chemoreception	Krishna Persaud
10:00	1:00	Biological Chemoreception	Krishna Persaud
11:00	0:30	Break	
11:30	1:00	Olfaction Psychophysics	Manuel Zarzo
12:30	1:00	Open Discussion	
13:30	2:00	Lunch	
15:30	1:00	Computational Neuroscience	Malin Sandstron
16:30	1:00	Computational Neuroscience	Malin Sandstron
	0:30	Break	
	1:00	Odor Robots Lab	Sergi Bermudez

Thursday 1:10			
Start	Dur.	Topic	Lecturer
9:00	1:00	Basic Concepts & Validation techniques	Agustin Gutierrez
10:00	1:00	Feature Extraction & Feature Selection	Antonio Pardo
11:00	0:30	Break	
11:30	1:00	Classifiers	Agustin Gutierrez
12:30	1:00	Open Discussion	
13:30	2:00	Lunch	
15:30	1:00	Regression	Santiago Marco
16:30	1:00	Computer Lab	BCN team
	0:30	Break	
	1:00	Computer Lab	BCN team

Friday 2.10			
Start	Dur.	Topic	Lecturer
9:00	1:00	Applications I	Jan Mitrovics
10:00	1:00	Applications II	Jan Mitrovics
11:00	0:30	Break	
11:30	1:00	Application III	Andreas Walte
12:30	1:00	Application IV	Andreas Walte
13:30	2:00	Lunch	

Module 0	Introduction
Module 1	Biological Chemoreception
Module 2	Sampling and analytics
Module 3	Sensing devices
Module 4	Electronics and signal processing
Module 5	Information processing
Module 6	Applications in real life
Others	

Organised by:

ISOCS
International Society for
Olfaction and Chemical Sensing

ISOCS takes no responsibility for the views presented by lecturers and reserves the right to change the programme without notice.

For further information visit:
<http://www.olfactionociety.org>

Supported by:

