

# The Speakers



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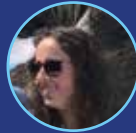
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# Case studies from EU funded projects



## Organizing Committee



## Contacts



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## Follow us



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Poseidon Summer School 2017

# Photonics for Health

18-22 June 2017  
San Martino di Castrozza  
(Italy)

**450 EURO**

All Inclusive  
Early Booking

After 18 April - 600 Euro - All Inclusive

# The Summer School is addressed to:



PhD Students

Master Graduating Students



Future European Entrepreneur

Early Stage Researchers



## Why Participating



Improve your Knowledge

Meet Important People



Network & Interact

Relax, Sport and Nature



## Objectives

- Focusing on different applications of photonic devices on theme "Health".
- Disseminating the results of some European Projects, giving information about the most recent and relevant research topics.
- Exploiting the potentialities of the European network, in the context of Photonics21 Platform.



## Accommodation



San Martino di Castrozza offers incomparable sights of the mountains and a lot of occasions of relaxing with excellent food, sport activities and excursions.

The students will be accommodated at Cima Rosetta Hotel, a 3 stars Hotel with a SPA in the center of San Martino di Castrozza.



## School Program

18 June 2017	19 June 2017 PHOTONICS DAY	20 June 2017 BIOSENSING DAY	21 June 2017 ENGINEERING DAY	22 June 2017
15.00 VENICE Airport Meeting Point	9.00 Guided Tour	9.00 Guided Tour	9.00 Guided Tour	9.00 SOCIAL EVENT
16.00 TREVISO Airport Meeting Point	14.00 - 15.30 Nano fabrication processes and photonics nanodevices	14.00 - 15.30 Refractometric and colorimetric biosensing using noble metal nanoparticles	14.00 - 15.30 Microfluidics and optofluidics subsystems	14.00 CONCLUSION of the School
BUS TRANSFER to San Martino di Castrozza				
18.00 Hotel Venue and Welcome	15.30 - 17.00 Advanced optical approaches for the functional investigation of the mammalian brain	15.30 - 17.00 Plasmonic Metamaterials for Biosensing, Fingerprinting and Conformational Analysis of Biomolecules	15.30 - 16.30 Microelectronic Technology from Solid State to Flexible Substrates with examples and case study from SYMPHONY Project	BUS TRANSFER to Treviso and Venice Airport
19.30 Welcome Party and Typical Dinner	17.15 - 18.00 An industrialised pathogen detection kit and platform based on surface plasmon resonance imaging (SPRi)	17.15 - 18.00 Surface functionalization and proper binders choice to optimize biosensing strategies	16.30 - 18.45 POSEIDON Project: plasmonics against pathogens	
20.30 Opening of the Summer School	20.00 - 21.30 The SAPHELY and the PHOCNOSIS projects	20.00 - 22.00 The RAIS Project	19.30 GALA DINNER	

Based on the program, the university students who will attend the school, could ask the recognition of university credits to their university. One credit corresponds to 25 hours of activity (individual study, classroom educational activities, internships, etc.) and it exactly corresponds to 1 ECTS (European Credit Transfer and Accumulation System), the measure for recognition of credits on a European basis.