

Registration fees (VAT included)

The registration fees include bag + block notes + pen + usb containing the slides used during the lectures, welcome party, coffee breaks, wine + cheese and banquet.

480 € Students

550 € Professor and researchers

650 € Corporate

Registration

Registration online link <http://www.instm.it>

Payment (after registration) by credit card, bank transfer or funds managed by INSTM

Information

Web: www.lmnt.uniss.it
www.instm.it

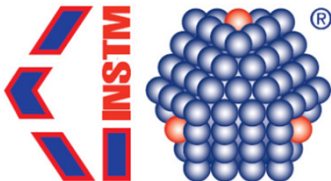
Tel: +39 079998630

e-mail: luca.malfatti@uniss.it
plinio@uniss.it

For administrative questions: ISGSSchool@instm.it



**Materials Science and
Nanotechnology
Laboratory**



6th ISGS Summer School

Frontiers in Hybrid Materials

16-19 September 2018

Santa Chiara Building, Alghero (Italy)



The VI edition of the International Sol-Gel Society summer school is focused on hybrid organic-inorganic materials and supported by the National Interuniversity Consortium of Materials Science and Technology (INSTM). These materials have attracted so much attention in the last years because their peculiar properties place them at the interface between organic and inorganic chemistry. The frontier of knowledge in the field is moving very fast, so it is of fundamental importance to achieve a comprehensive overview about the hybrid materials to advance with solid foundations.

This summer school offers the possibility to revise some of the last discoveries in the field using a multidisciplinary approach with some of the best known and active researchers in the field. It is a unique opportunity to share ideas and deepen your background during the full time of the school.

PROGRAM

Sunday 16/09/2018

- 18.00 - 19.30 Registration
19.30 – 22.00 Welcome party

Monday 17/09/2018

- 9.00 - 9.15 Welcome from ISGS President
9.15 – 9.30 Presentation of the School
9.30 – 11.00 *Introduction to sol-to gel hybrid materials*
(Plinio Innocenzi)
11.00 – 11.30 Coffee break
11.30 – 13.00 *Bridged silsesquioxanes for nanostructuring, and nanomedicine*
(Michel Wong Chi Man)
13.00 – 14.00 Lunch
14.00 – 15.30 Beach break
15.30 – 17.00 *Hybrid materials for optic and fluorescence*
(Luisa de Cola)
17.00 – 17.30 Coffee break
17.30 – 19.00 *Hybrid biomaterials*
(Julian Jones)
19.00 – 20.30 Poster Session + wine and cheese

Tuesday 18/09/2018

- 9.30 – 11.00 *Electronic microscopy for hybrid materials*
(Nicola Pinna)
11.00 – 11.30 Coffee break
11.30 – 13.00 *Functional optical nano patterns prepared by sol-gel deposition and soft-NIL*
(David Grosso)
13.00 – 14.00 Lunch
14.00 – 15.30 Beach break
15.30 – 17.00 *Hybrid aerogels*
(Maria Casula)

- 17.00 – 17.30 Coffee break
17.30 – 19.00 *Hybrid mesoporous materials*
(Galo J. A. A. Soler-Illia)
19.30 – 23.00 Typical Sardinian banquet

Wednesday 19/09/2018

- 9.00 – 10.30 *Hybrid nanocomposites with C-dots and graphene*
(Luca Malfatti)
10.30 – 11.00 Coffee break
11.00 – 12.30 *Hybrid microactuators*
(Masahide Takahashi)
12.30 – 13.00 Test for ECTS credits
13.00 – 14.00 Lunch

List of Speakers

- Maria Casula (University of Cagliari and INSTM)
Luisa de Cola (University of Strasbourg)
David Grosso (Aix-Marseille University)
Plinio Innocenzi (University of Sassari and INSTM)
Julian Jones (Imperial College)
Luca Malfatti (University of Sassari and INSTM)
Nicola Pinna (University von Humboldt)
Galo J. A. A. Soler-Illia (Universidad Nacional de San Martin)
Masahide Takahashi (Osaka Prefecture University)
Michel Wong Chi Man (Institut Charles Gerhardt Montpellier)

Venue

The summer school will be held in the Santa Chiara Building sited on the walls of Alghero city.

Organizing Committee

Luca Malfatti and Plinio Innocenzi.

ECTS credits

3 ECTS credits will be given to the students who will pass the final test.