



2nd International Short School on Smart Materials for Opto-Electronic Applications – Second Announcement

We are delighted to announce you the upcoming 2nd International School on Smart Materials for Opto-Electronic Applications” that will be held at the Grand Hotel San Michele in Cetraro (Italy), September 12-13, 2022.



This school is organized in the frame of the European project PULSE-COM Photo-Piezo-ActUators based on Light SENSITIVE COMposite (<https://www.pulsecom-h2020.eu/>). The main scope of this International School is to provide in a short time of only two-days and full-immersion modality a rapid training on 6 different advanced technologies:

- ✚ Piezo-electric Materials;
- ✚ Photo-active Materials;
- ✚ Nano-fabrication by top down and bottom up approaches;
- ✚ Advanced printing technologies & additive manufacturing;
- ✚ Characterization techniques and their implementation in Smart Materials and devices;
- ✚ Application of Smart Materials.

The school is mainly reserved for PhD, MSc students and postdocs, but also researchers from any branch of science who wish to increase their knowledge and awareness about Smart Materials, micro and nanotechnologies are very welcome (up to a maximum of 12 participants onsite). The Directors of the School will issue a certificate relating to the teaching hours followed and the activities carried out to allow students to receive training credits based on the provisions set out by the Doctoral Schools. To this end, students are advised to contact their respective coordinators of PhD cycles.

The aim is to bring to the attendees the concepts and basic working principles of the above Smart Materials Technologies from experts in the fields coming from both Academy and industries. Moreover, lectures will be given for addressing complete understanding of how the Smart Materials have been exploited for achieving recent significant results in groundbreaking research of the FET project PULSE-COM as well as in applied sciences by investigators working in the PULSE-COM Consortium. The school is directed by PULSE-COM Team Leaders who are responsible for the facilities and for the related research topics. ***An opening plenary by Prof. Luigi Nicolais (Director of Materias) will be on how to create new businesses based on development of innovative solutions in the advanced materials sector and accelerating their market entry, and will kick off the event.***

We already have a very exciting list of confirmed invited lecturers onsite:

Gaetano ASSANTO - Università Roma Tre

Malgosia KACZMAREK - University of Southampton

Katarzyna MATCZYSZYN - Politechnika Wrocławska

Timothy J. WHITE - University of Colorado Boulder

Giusy SCALIA - Université du Luxembourg

Leszek FRAŚ - Institute of Fundamental Technological Research Polish Academy of Sciences

Jan LAGERWALL - Faculty of Science, Technology and Medicine, Luxembourg University

And in remote:

Marina GRENZER (SAPHIANNIKOVA) - Leibniz Institute of Polymer Research Dresden

Veronica AMBROGI – DICMaPI Naples University Federico II

Hao ZENG - Tampere University

Massimo DE VITTORIO – IIT

Wolfgang FRITZCHE - Leibniz Institute of Photonic Technology (IPHT)

Alberto NALDONI - Palacky University

Directors of the School	Giuseppe Nenna (ENEA), Gustavo Ardila (UGA), Jean Herisson (Benkei), Lucia Petti (CNR)
Organizing committee	Ambra Vestri (CNR), Domenico Sagnelli (CNR), Valentina Marchesano (CNR),
Logistic support	Domenico Sagnelli and Ambra Vestri (CNR)
Scientific Secretary	Valentina Marchesano (CNR) and Cira Formicola (CNR)
Location	Remote or Grand hotel San Michele in Cetraro (Italy)
School Dates	12/09/2021-13/09/2021
Contacts	pulse.school@isasi.cnr.it
Deadlines	Registration: by July 26, 2022 Notification of acceptance (for on-site): by July 30, 2022

To participate

Applications are possible until July 26, 2022 sending a confirm to the contacts email. **The participation to the school is free of charge** and it might be either in remote or on-site mode. A maximum of 12 students can participate onsite in the school. Acceptances will take place on the basis of the order of arrival of the registration emails and will be notified by e-mail. A special discount is offered for all participants (Full-board FB accommodation (breakfast, lunch and dinner) are fixed at € 80/person/day (triple room in residence). Students or early stage researchers who will participate to the Elevator Pitch competition will be selected for a grants. Grants will be assigned on the base of the best "Elevator pitch talk" presented.

Elevator Pitch competition

"Elevator Pitch" Talks: "Are you ready to report about your scientific results and findings in the time of an elevator ride...?" The idea is to give the opportunity to early stage researchers to present their main research findings in only a few slides and a short period of time.

The "Elevator Pitch" talk (3 min) will be integrated with a poster where all questions and curiosities will be discussed. If you accept the challenge, please prepare three slides. Remember.....you will have only 3 minutes to present your "Elevator Pitch"... before attending your poster!!

Sponsors & Links

<https://www.pulsecom-h2020.eu/2nd-international-short-school-on-smart-materials-for-opto-electronic-applications/>

<https://www.isasi.cnr.it/2nd-international-short-school-on-smart-materials-for-opto-electronic-applications/>

<https://materiali.sostenibilita.enea.it/news/2nd-international-short-school-smart-materials-opto-electronic-applications-first-announcement>

