



Title:	<i>International School on Plasmonics and Nano-optics</i>
Lecturers:	L. Andreani, M. Celebrano, R. Sapienza, international speakers
Duration:	24 hours frontal lectures + 8 hours projects by topic and discussion + 4 hours poster sessions
CFU:	5
Period:	3-7 June 2024
Content:	<p>The school will take place at Villa Grumello (Como, Italy) in the framework of the Lake Como School of Advanced Studies.</p> <p>The school will bring together doctoral students, early-stage researchers and renowned academics working in various fields of light-matter interaction at the nanoscale. Frontal lectures, which will cover both fundamentals and applied aspect of Plasmonics and Nano-optics, will be complemented by scientific seminars introducing the latest discoveries in the field. The participants will also be involved in active learning tasks, which will encourage interaction with lecturers and multidisciplinary collaborations.</p> <p>Topics: Principles of nano-optics and plasmonics; nanofabrication and experimental characterization techniques; quantum nano-optics; nonlinear optics and plasmonics; ultrafast techniques; applications to enhanced spectroscopy and sensing.</p> <p>Confirmed international lecturers: Prof. Lukas Novotny (ETH Zurich, Switzerland); Prof. Javier Aizpurua (University of the Basque Country, San Sebastian, Spain); Prof. Laura Lechuga (ICN2-CSIC, Spain); Prof. Maxim Shcherbakov (University of California, Irvine).</p> <p>A list of additional local lecturers and seminars will be announced soon.</p>
Notes	If a final exam will be given, the school can count as a PhD exam.