

SIF International School of Physics "Enrico Fermi"

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Applications for the summer Courses of the SIF International School of Physics "Enrico Fermi" are now open.

After a two-year break due to the COVID-19 epidemic, the Italian Physical Society resumes its traditional summer activities in the beautiful venue of Villa Monastero in Varenna on Lake Como.

This is the schedule for 2022:

Course 208 - Foundations of Cosmic Ray Astrophysics

24 - 29 June 2022

Directors

Felix Aharonian - Dublin Institute of Advanced Studies (Ireland)

Elena Amato - INAF, Osservatorio di Arcetri, FI (Italy)

Pasquale Blasi - GSSI, L'Aquila (Italy)

Scientific Secretary

Carmelo Evoli - GSSI and INFN, L'Aquila (Italy)

Deadline for applications: **15 April 2022**.

Course 209 - Quantum Fluids of Light and Matter - QFLM2022

2 - 7 July 2022

Directors

Alberto Bramati - Laboratoire Kastler Brossel, Sorbonne Université, Paris (France)

Iacopo Carusotto - INO-CNR BEC Center, Trento (Italy)

Cristiano Ciuti - Laboratoire Matériaux et Phénomènes Quantiques, Université de Paris (France)

Deadline for applications: **22 April 2022**.

Course 210 - Multimodal and Nanoscale Optical Microscopy

10 - 15 July 2022

Directors

Paolo Bianchini - Nanoscopy IIT, Erzelli Labs, Genova (Italy)

Alberto Diaspro - Dipartimento di Fisica, Università di Genova and Nanoscopy IIT, Erzelli Labs, Genova (Italy)

Colin J.R. Sheppard - Wollongong University (Australia) and Nanoscopy IIT, Erzelli Labs, Genova (Italy)

Scientific Secretary

Margaux Bouzin, Dipartimento di Fisica, Università di Milano-Bicocca (Italy)

Deadline for applications: **29 April 2022**.

Course 211 - Quantum Mixtures with Ultra-cold Atoms

18 - 23 July 2022

Directors

Rudolf Grimm - Institute of Experimental Physics, University of Innsbruck; Institute for Quantum Optics and Quantum Information (IQOQI), Austrian Academy of Sciences, Innsbruck (Austria)

Massimo Inguscio - European Laboratory for Nonlinear Spectroscopy (LENs); Università Campus Biomedico Roma; Istituto Nazionale di Ottica - CNR (Italy)

Sandro Stringari - Dipartimento di Fisica, Università di Trento; Istituto Nazionale di Ottica - CNR, Trento (Italy)

Scientific Secretary

Giacomo Lamporesi - Istituto Nazionale di Ottica - CNR; Università di Trento (Italy)

Deadline for applications: **6 May 2022**.