

International Thematic School on Lithium Niobate on Insulator integrated photonics from fabrication to classical and quantum applications



May 12 to 23, 2025 The Houches Physics School, Chamonix Mont Blanc Valley, FR

The workshop is dedicated to bring leaders in integrated photonics platform of Lithium Niobate On Insulator (LNOI) together with the aim of providing an overview on the advances that have been achieved over the last years, use this overview to speculate about future opportunities of LNOI and provide recommendations on how these opportunities can be realized by coordinated research efforts. The workshop will cover all aspects, including simulation and fabrication, devices that use electro-optic and nonlinear optical properties of LNOI, and applications spanning from quantum optical to classical.

Fifteen outstanding lecturers top-level scientists working in the field of lithium niobate on insulator: **Cristina BENEÀ-CHELMUS** (EPFL, Switzerland), **Jean BERNEY / Davide GRASSANI** (CSEM : Centre suisse d'électronique et de microtechnique, Switzerland), **Ya CHENG** (SIOM : Shanghai Institute of Optics and Fine Mechanics, China), **Nadège COURJAL** (FEMTO-ST, France), **Aaron DANNER** (National University of Singapore, Singapore), **Martin FEJER** (Stanford University, USA), **Katia GALLO** (KTH, Sweden), **Tobias GEHRIN** (DTU : Technical university of Denmark, Denmark), **Tobias KIPPENBERG** (EPFL, Switzerland), **Bart KUYKEN** (Gent Univ., Belgium), **Francesco LENZINI** (CNR-IFN, Italy), **Marko LONCAR** (Harvard University, USA), **Amir SAFAVI** (Stanford University, USA), **Christine SILBERHORN** (University of Paderborn, Germany)

Attending a thematic school is a unique opportunity to learn, share and connect with top leaders in the field. The school is designed for students and researchers working or highly interested by the LNOI technology and for physicist participating in its development.

Application deadline (short motivation letter + CV): November 29, 2024

[Lithium Niobate on Insulator integrated photonics](#)

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