

# DOMOSCHOOL

International Alpine School of Mathematics and Physics

JULY 13-17 2026 | DOMODOSSOLA

## Co-homology and topology for fields, strings and amplitudes

The Domoschool 2026 edition focuses on the modern topological and cohomological methods for computing and analysing data in several physical and mathematical applications, including Particle Physics, Gravity, Cosmology, Quantum Field Theory and Topological Data Analysis.

Its interdisciplinary program consists of **FOUR** courses for a total of **24** hours and it is oriented to PhD students, postdocs and early career researchers, both in mathematics and in physics.

Interaction with and among professors will be also encouraged.

### LECTURERS

Veronica FANTINI

*LMO, Orsay*

Gary SHIU

*UW-M, Madison, USA*

Pietro Antonio GRASSI

*UPO, Turin*

Žiga VIRK

*UL, Ljubljana*

GUEST: Atish MITRA

*MTU, Montana, USA*

### REGISTRATION

EARLY FEE: € 245,00

due payment by May 29<sup>th</sup>

REGULAR FEE: € 295,00

due payment by June 26<sup>th</sup>

Registration includes: **teaching material** in PDF format, **lunches**, **coffee breaks**, ARS.UNI.VCO E.T.S. 2026 **membership fee**

**Guided Tour and Social Dinner (OPTIONAL): € 50,00**due payment by June 26<sup>th</sup>

### FELLOWSHIPS

**Deadline June 26, 2026**

With the support of **FONDAZIONE CRT**, **INdAM GNSAGA** and **INFN**, **FREE HOSPITALITY GRANTS** (B&B in shared rooms) are offered for up to a maximum of **20** participants staying the whole period.

**Request** must be indicated in the **REGISTRATION FORM**, to be filled and sent before the deadline.

**Priority:** order of arrival or special indicated reasons.

### SHORT TALKS

Deadline July 3<sup>th</sup> 2026A limited number of **slots** for a **20-minute talk** are reserved to students and postdocs.Title and **abstract** should be mailed to the Organizing Committee for approval by the **SCIENTIFIC BOARD**.

WEBSITE

SIGNUP

LECTURERS

**SCIENTIFIC BOARD:** S. CACCIATORI (COORDINATOR), F.D.BELGIORNO, A.CARLOTTO, O.CARAMELLO, A.KAMENCHTCHIK, L.LAFFORGUE, P.MIAO, G.GIONTI S.J., M.GIUDICI, P.A.GRASSI, B.GUNEYSU, P.MASTROLIA, S.NOJA, S.PIGOLA, R.RE, P.URSINO.

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### ORGANIZING COMMITTEE

ARS.UNI.VCO ETS Association

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