



HGSFP

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UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

Summer School

11-17 June, 2023 in Molveno, Italy

Attend lectures on research topics of different HGSFP branches

Participate in poster sessions

Socialize with peers during outdoor activities

Travel, accommodation and meals are covered

Astronomy

Chiara Battistini

Chemical abundances of stars:
how they shape astronomy from
Galactic to planetary scale

*register now!**

Geophysics

Joachim Ritter

Geophysical Imaging of Active
Deep Structures Underneath
Europe

Medical Physics

Francesco Tommasino

An introduction to radiation
biophysics

Quantum Systems

Philipp Hauke

Quantum simulation of strongly-
correlated systems

Sebastian Kempf

Superconducting Quantum
Sensors

Fundamental Physics

Martino Borsato

"Rare is precious" - Can we
identify new physics before
building more energetic colliders?

Natalia Oreshkina

Testing fundamental physics
with highly-charged ions

Special Lectures

Elisa Frasnelli

The left and the right brain:
Lateralization from physics to
neuroscience

Federico Laudisa

Realism, Locality and All That:
Philosophical Explorations in a
Quantum World

Register online: https://gsfp.physi.uni-heidelberg.de/summerschool_2023/

* The registration is open for all HGSFP students from March 24 – April 16, 2023. Applicants will be selected and notified shortly after the registration is closed and **not** on a first-come first-serve basis!

