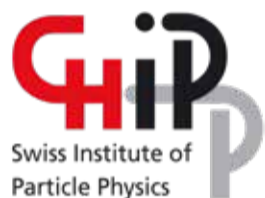


Annual Meeting of the SWISS PHYSICAL SOCIETY

27 - 30 June 2022, Université de Fribourg

in collaboration with

CHIPP, NCCR BIO-INSPIRED MATERIALS, SGN,
DÉPARTEMENT DE PHYSIQUE - UNIVERSITÉ DE FRIBOURG



Sessions

- Applied Physics and Plasma Physics
- Atomic Physics & Quantum Optics
- Biologically inspired assembly of ordered and disordered optical materials *
- Biophysics, Medical Physics and Soft Matter
- Condensed Matter Physics
- History and Philosophy of Physics
- New prospects in ARPES for quantum materials
- Nonequilibrium properties of quantum materials
- Nuclear, Particle- & Astrophysics **
- Physics at work in Industry
- Swiss Neutron Science on the European Scale ***
- Poster Session

* organised in collaboration with NCCR Bio-Inspired Materials

** organised in collaboration with CHIPP

*** organised in collaboration with the Swiss Neutron Science Society (SGN)

Additional Events

- General Assembly and Award Ceremony
- Scientific Equipment and Book Exhibition
- Conference Dinner

Plenary Speakers

- **Christof Aegerter**, Universität Zürich:
Physics & Education – Perspectives from Solid State Physics
- **Hatice Altug**, EPFL:
Frontiers in Nanophotonics: Enabling Technology for Optical Biosensing and Bioimaging.
- **Dominik Brunner**, Empa:
Monitoring and tracking carbon dioxide emissions from satellites
- **Atac Imamoglu**, ETH Zürich:
Optical spectroscopy of strongly correlated electrons in two-dimensional materials.
- **Frank Jenko**, IPP Garching:
Towards predicting plasma confinement in fusion devices
- **Teodoro Laino**, IBM Research Rüschlikon:
Are Language Models better than Physics based models for Chemical and Materials Industries ?
- **Teresa Montaruli**, Université de Genève:
The Cherenkov Telescope Array Observatory
- **Hans Rudolf Ott**, ETH Zürich:
Large Research Infrastructures in Switzerland; History, Results and Opportunities
- **Pedro Reis**, EPFL:
Untangling the mechanics of knots: from shoelaces to surgical knots

Public Lecture

- **Thomas Stocker**, Universität Bern:
Climate models: Early warning system of the climate crisis

Satellite Event

- Women in Physics Career Symposium

ABSTRACT SUBMISSION
15 MARCH 2022

DEADLINES

REGISTRATION & PAYMENT
1 JUNE 2022

More information: www.sps.ch