

Annual Meeting of the Swiss Physical Society

9 - 13 September 2024, ETH Zürich

in collaboration with

CHIPP, SGN, SSPh, Departement Physik - ETH Zürich

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Sessions

- Accelerator Science and Technology
- Applied Physics, Plasma Physics
- Atomic Physics & Quantum Optics
- Biophysics and Soft Matter
- Condensed Matter Physics
- Electron and photon spectroscopies of quantum materials
- Gravitational Waves
- History and Philosophy of Physics
- Magnetic fields for materials research *
- Neutron Science **
- Nuclear, Particle- & Astrophysics ***
- Photon Science ****
- Spintronics and Magnetism at the Nanoscale
- Startups: The role of physics and physicists in developing a product?
- Women in Physics Career Symposium
- Poster Session

* sponsored by the EU project ISABEL

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

*** organised in collaboration with CHIPP

**** organised in collaboration with the Swiss Society for Photon Science (SSPh)

Additional Events

- Energy and Sustainability (Inaugural Session)
- General Assemblies and Award Ceremony
- Scientific Equipment and Book Exhibition
- Conference Dinner

Plenary Speakers

- **Giacomo Indiveri**, Universität Zürich:
Neuromorphic Intelligence: spiking neural network and on-line learning circuits for brain-inspired technologies
- **Matthias E. Lauer**, Roche Innovation Center Basel:
Structural Biology and Interaction Analysis in Drug Discovery
- **Kirsten Moselund**, PSI Villigen & EPF Lausanne:
Advances in nanotech/integrated photonics
- **Sven Reiche**, PSI Villigen:
Attosecond Pulses from X-ray Free-electron Lasers: Status and Outlook
- **Leonardo Senatore**, ETH Zürich:
Questions in Theoretical Cosmology
- **Mikhail Shaposhnikov**, EPF Lausanne:
Physics of the early universe and the intensity frontier of particle physics
- **Andreas Wallraff**, ETH Zürich:
Quantum Science with Superconducting Circuits

Public Lecture ****

- **Anne l'Huillier**, Lund University (Sweden),
Nobel Laureate 2023:
The route to attosecond pulses

Public Symposium: Louis de Broglie - 100 years wave / particle dualism

- Friedrich-Karl Thielemann, Universität Basel
- Tilman Esslinger, ETH Zürich
- Philipp Treutlein, Universität Basel
- Henning Stahlberg, EPFL

ABSTRACT SUBMISSION
1 MAY 2024

DEADLINES

REGISTRATION & PAYMENT
15 AUGUST 2024

More information: www.sps.ch