

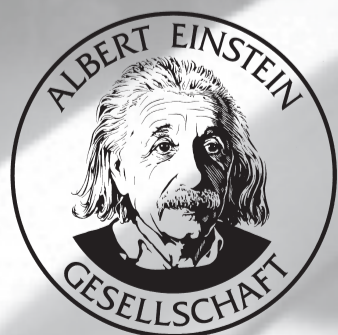
Symposium

100 Years Nobel Prize for Albert Einstein

Saturday, 9 April 2022; 10:15 – 17:15

Universität Bern, Gebäude UniS, Lecture Hall S003
Schanzeneckstrasse 1, 3012 Bern

- 10:15 – 11:00 **Hans Rudolf Ott**, ETH Zürich
100 Years ago: Nobel Prize for Physics goes to Albert Einstein
- 11:00 – 11:30 **Jürg Osterwalder**, Universität Zürich
From Einstein's explanation of the photoeffect to high-resolution spectroscopy of matter
- 11:30 – 12:00 **Rachel Grange**, ETH Zürich
Integrated devices for controlling light by electrons
- 12:00 – 13:00 **LUNCH**
- 13:00 – 13:45 **Klaus Hentschel**, Universität Stuttgart
„Light quanta“ – how was this concept & mental model understood since 1905?
- 13:45 – 14:30 **Nicolas Gisin**, Université de Genève
Single photons, entangled photon pairs and optimal cloning of Qubits
- 14:30 – 15:15 **Ursula Keller**, ETH Zürich
New frontier in physics: time in quantum mechanics
- 15:15 – 15:45 **COFFEE BREAK**
- 15:45 – 16:15 **Natalie Banerji**, Universität Bern
From light to electricity: New materials in electronics
- 16:15 – 16:45 **Thomas Feurer**, Universität Bern
When the photoeffect becomes destructive: Lasers as tools in materials processing
- 16:45 – 17:15 **Aldo Antognini**, ETH Zürich und PSI Villigen
High-precision tests of QED



Free entrance, no registration needed *. Further information:

www.einstein-bern.ch, www.sps.ch, www.scnat.ch

* If a registration should be required due to COVID regulations, information will be available in due time on the web.