

CHIPP WINTER SCHOOL 2019 – REPORT

F. CANELLI – UNIVERSITY OF ZURICH



ORGANIZATION 2019

- Location: Hotel Bellevue Terminus
 - <https://www.bellevue-terminus.ch/>
- Dates:
 - Jan 20-25, 2019
 - Arrive Feb 20 evening
 - Departure Jan 25 after lunch
- Registration:
 - 950 CHF per student
 - Includes accommodation & food (no alcohol)
 - Opened in September and closed on December 1
- UZH physik institut secretariat: M. Roellin
- <https://indico.cern.ch/event/744252/>



ADVERTISEMENT

- May '18 : Added to INSPIRE schools list
- August – November '18 : Emails to CHIPP mailing list
- October '18 : Posters distributed to all CH institutions (+CERN)



The poster for the CHIPP Winter School of Particle Physics 2019 features a green background with a stylized mountain range in shades of green, yellow, and purple at the bottom. The CHIPP logo is in the top left, and the sc|nat logo is in the top right. The main title is in large, bold, pink letters. The dates and location are in white. The scientific program is listed in white, and the organization and deadline are in pink. The contact information is in white at the bottom.

CHIPP
Swiss Institute of Particle Physics

sc|nat
Swiss Academy of Sciences
Akademie der Naturwissenschaften
Accademia di scienze naturali
Académie des sciences naturelles

CHIPP Winter School of Particle Physics 2019
20–24 January 2019
Hotel Terminus, Engelberg, Switzerland

SCIENTIFIC PROGRAM:
Detectors | Daniela Bortoletto – University of Oxford
Future | Christophe Grojean – DESY / Humboldt University
Collider | Beate Heinemann – DESY / University of Freiburg
Cosmology | Alexandre Refregier – ETH
Neutrinos | Federico Sanchez – University of Geneva
Dark matter | Jocelyn Monroe – Royal Holloway University
Machine learning | Maurizio Pierini – CERN
Low energy | G. Marco Pruna – National Laboratory of Frascati

ORGANIZATION:
F. Canelli – University of Zurich

DEADLINE FOR APPLICATIONS:
1 December 2018
www.chipp.ch/winter-school

Enquires and correspondence:
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PARTICIPANTS

- 62 students registered
 - 27 accepted
 - Most of them PhD students from CH
 - EPFL 2
 - ETHZ 5
 - UGE 4
 - UBE 0
 - UZH 7
 - PSI 5
 - MPI Heidelberg 1
 - DESY 1
 - Warsaw 1



Mainly from experimental groups

8 Female - 19 Male

LECTURERS

- Detectors | Daniela Bortoletto - University of Oxford
- Future physics | Christophe Grojean - DESY / Humboldt University
- Collider | Beate Heinemann - DESY / University of Freiburg
- Cosmology | Alexandre Refregier - ETH
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POSTER SESSION



20 posters presented on Tuesday evening

POSTER SESSION

Honorable mentions

Ben Kilminster organized the session, reviewed, judged, and awarded the best poster (200 CHF)



The Mu3e experiment – Lukas Gerritzen (ETH)



Diffusion of muonic atoms in hydrogen gas – J. Nuber (PSI)



Super Finer Grained Detector – S. Parsa (UGe)

SUMMARY

- No accidents,
- Under budget
- Happy students

