

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 features a green background with a stylized mountain range in shades of green, yellow, and purple at the bottom. In the top left corner, there are logos for CHIPP (Swiss Institute of Particle Physics) and sc|nat (Swiss Academy of Sciences). The main title 'CHIPP Winter School of Particle Physics 2019' is written in large, bold, pink letters, followed by the dates '20-24 January 2019' and the location 'Hotel Terminus, Engelberg, Switzerland'. Below this, the 'SCIENTIFIC PROGRAM:' is listed with topics and speakers. The 'ORGANIZATION:' section lists F. Canelli from the University of Zurich. The 'DEADLINE FOR APPLICATIONS:' is set for 1 December 2018, with a website link. Finally, the 'Enquires and correspondence:' section provides contact information for M. Rollin at the University of Zurich.

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
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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

