

Programme des sessions

15-22 mars 2026

60th Rencontres de Moriond - EW+U 2026

Young Scientist Forum

La Thuile, Italy

lun. 16 mars

18:50

Young Scientist Forum

Session | Site: La Thuile, Italy

18:50 - 18:55 **Search for the lepton-flavour violating decay $\tau \rightarrow \mu^- \mu^+ \mu^-$ at the LHCb experiment**

Orateur
Domenico Riccardi

18:57 - 19:02 **New physics searches with kaon and pion decays at NA62**

Orateur
Ilaira Rosa

19:04 - 19:09 **Search for the $\Xi^+ cc$ baryon in the $\Lambda^+ c K^- \pi^+$ final state with the LHCb Upgrade I detector**

Orateur
Shuyu Han

19:11 - 19:16 **Amplitude analysis of $B \rightarrow K \pi \pi$ decays at Belle 2**

Orateur
Sahil Saha

19:18 - 19:23 **Search for charmless purely baryonic decay processes in $\Lambda^0 b \rightarrow \Lambda p p^-$**

Orateur
Alexandre Brea Rodriguez

19:25 - 19:30 **$B \rightarrow X s l l$ at Belle 2**

Orateur
Zihan Wang

19:35

mar. 17 mars

18:50

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18:50 - 18:55 **General Overview of the Hyper-Kamiokande Experiment****Orateur**

Ben Carew

18:57 - 19:02 **Outer Detector of Hyper-Kamiokande****Orateur**

Ryotaro Shinoda

19:04 - 19:09 **EnuSSB****Orateur**

Monojit Ghosh

19:11 - 19:16 **Primordial high energy neutrinos****Orateur**

Nicolas Grimbaum

19:18 - 19:23 **JUNO Detector Response in the First Physics Data-Taking Phase****Orateur**

Mingxia Sun

19:25 - 19:30 **IBD selection and backgrounds in JUNO****Orateur**

Mingyuan Wang

19:32 - 19:37 **Commissioning results and perspectives of the RICOCHET experiment****Orateur**

Renaud Serra

19:39

mer. 18 mars

19:15

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19:15 - 19:20 Discrete symmetries of the Standard Model and fractionally charged BSM**Orateur**

Despoina Dimakou

19:22 - 19:27 Probing Heavy Neutrinos through Semileptonic Decays**Orateur**

Claire Chevallier

19:29 - 19:34 Search for top-philic resonances with four top quarks in CMS**Orateur**

Dominic Stafford

19:36 - 19:41 Testing Heavy Neutral Leptons in Cosmic Ray Beam Dump experiments**Orateur**

Baibhab Pattnaik

19:43 - 19:48 Vector dark matter with non-abelian kinetic mixing**Orateur**

Ana Foguel

19:50

sam. 21 mars

18:50

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18:50 - 18:55 Evidence for the dimuon decay of the Higgs boson with the ATLAS detector**Orateur**

Ehsan Mushajiang

18:57 - 19:02 Improved results on Higgs boson pair production in the 4b final state in CMS**Orateur**

Evan Koenig

19:04 - 19:09 Scalar Singlet extensions: Vacuum Stability and Phase transition**Orateur**

Moritz Bosse

19:11 - 19:16 Probing the Top-Higgs Quartic Interaction through EFT in ttHH Production at ATLAS**Orateur**

Adrien Auriol

19:18 - 19:23 First look at $W^\pm W^\pm$ and $W^\pm Z$ vector boson scattering at $\sqrt{s}=13.6$ TeV in CMS**Orateur**

Monika Ghimiray

19:25 - 19:30**Measurement of the V_{cb} element of the CKM matrix in $t\bar{b}$ decays with the ATLAS detector****Orateur**

Adam Warnerbring

19:32