

Session Program

Jan 13 - 15, 2020

**ZPW2020 - The Higgs boson and the Top
quark**

Session

University of Zurich, KOL-G-217
Ramistrasse 71, Zurich

Mon, January 13

10:00 AM

Session
Session | **Location:** University of Zurich, KOL-G-217, Ramistrasse 71, Zurich | **Convener:** Thomas Gehrmann

10:00 - 10:30 **Effective field theory for top quark and Higgs physics**
Speaker
 Eleni Vryonidou

10:30 - 11:00 **Top, Higgs and Effective Field Theory**
Speaker
 Ilaria Brivio

11:00 AM

11:45 AM

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11:45 - 12:15 **SMEFT analyses with the full Run 2 data set**
Speaker
 André David

12:15 PM

2:00 PM

Session
Session | **Location:** University of Zurich, KOL-G-217, Ramistrasse 71, Zurich | **Convener:** Gino Isidori

14:00 - 14:30 **EFT analyses for the top sector**
Speaker
 Alexander Josef Grohsjean

14:30 - 15:00 **Top-quark dynamics in composite models**
Speaker
 Giacomo Cacciapaglia

3:00 PM

3:45 PM

Session
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15:45 - 16:15 **Progress in multiloop calculations for top and Higgs physics**
Speaker
 Lorenzo Tancredi

4:45 PM

Tue, January 14

9:00 AM

Session

Session | **Location:** University of Zurich, KOL-G-217, Ramistrasse 71, Zurich | **Convener:** Stefano Augusto Pozzorini

09:00 - 09:30 **Single top: theory**

Speaker
Rikkert Frederix

09:30 - 10:00 **Probing New Physics with top quarks**

Speaker
Jernej Fesel Kamenik

10:00 AM

10:45 AM

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10:45 - 11:15 **Off shell effects in tt and ttH production**

Speaker
Mathieu Pellen

11:15 - 11:45 **Electroweak effects in the top/Higgs sector**

Speaker
Davide Pagani

11:45 AM

2:00 PM

Session

Session | **Location:** University of Zurich, KOL-G-217, Ramistrasse 71, Zurich | **Convener:** Florencia Canelli

14:00 - 14:30 **ttX: experimental results**

Speaker
Elizaveta Shabalina

14:30 - 15:00 **Multi differential cross sections and extraction of parameters**

Speaker
Olaf Behnke

3:00 PM

3:45 PM

Session

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15:45 - 16:15 **Differential theory predictions for top-quark production and decay**

Speaker
Alexander Mitov

16:15 - 16:45 **Top mass: experiment**

Speaker
Veronique Boisvert

16:45 - 17:15 **Top mass: theory**

6:00 PM

Speaker
Paolo Nason

Wed, January 15

9:30 AM

Session

Session | **Location:** University of Zurich, KOL-G-217, Ramistrasse 71, Zurich | **Convener:** Massimiliano Grazzini

09:30 - 10:00 **Top-mass effects in Higgs Physics**

Speaker

Stephen Philip Jones

10:00 - 10:30 **Modeling of theory systematics**

Speaker

Josh Bendavid

10:30 AM

11:15 AM

Session

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11:15 - 11:45 **ttH background systematics**

Speaker

Frank Siegert

11:45 - 12:30 **Outlook**

Speaker

Gavin Salam

12:30 PM