

ECFA

European Committee for Future Accelerators

ECFA workshops on
 e^+e^- Higgs/EW/Top
factory

Top Physics at Future e^+e^- colliders

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ECFA e^+e^- Higgs/EW/Top Factory Seminars

- Monthly series of seminars discussing the physics potential of future e^+e^- colliders (typically at the beginning of the month)
- Previous seminars: $g-2$, light quarks, H self coupling, WW threshold, Flavor
- Today's topic: Top quark physics

The screenshot shows a Zoom meeting agenda for 'ECFA Higgs Factory seminars: Top Physics at Future e+e- colliders' on Friday, January 20, 2023, from 14:00 to 16:40 in the Europe/Zurich time zone. The meeting is a videoconference on Zoom with the ID 'ECFA Higgs Factory seminars'. The agenda includes:

- 14:00 → 14:10 Opening & introduction** (10m): Ponentes: Prof. Fabio Maltoni (Universite Catholique de Louvain (UCL) (BE) and Università di Bologna), Jenny List (Deutsches Elektronen-Synchrotron (DE)), Jorge de Blas (Universidad de Granada (ES)), Juan Alcaraz Maestre (CIEMAT - Madrid (ES)).
- 14:10 → 14:35 State-of-the-art and open questions on the top quark properties from threshold data** (25m): Ponente: Frank Simon (Max-Planck-Institut fuer Physik). Document: TopThreshold_ECF...
- 14:35 → 15:00 State-of-the-art and open questions on the top quark properties from continuum data** (25m): Ponente: Marcel Vos (IFIC Valencia (ES)). Document: TopFutureCollider.p...
- 15:00 → 15:30 Discussion** (30m)

WG I - Subgroups

- 5 subgroups of activity under WG I. Please subscribe to be up to date about the corresponding activities and/or to get more detailed information about them:

- ▶ WG I-GLOB: Global interpretations

<http://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=ecfa-whf-wg1-glob>

- ▶ WG I-PREC: Theoretical and experimental precision

<http://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=ecfa-whf-wg1-prec>

- ▶ WG I-HTE: Specific Higgs/Top/EW studies (+ connection with LHC)

<http://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=ecfa-whf-wg1-hte>

- ▶ WG I-HF: Heavy Flavour

<http://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=ecfa-whf-wg1-hf>

- ▶ WG I-SRCH: Direct searches (long-lived, directly accessible particle)

<http://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=ecfa-whf-wg1-srch>

- All workshops and activities of the ECFA Higgs/EW/Top Factory study can be found at:

<https://indico.cern.ch/category/14055/>