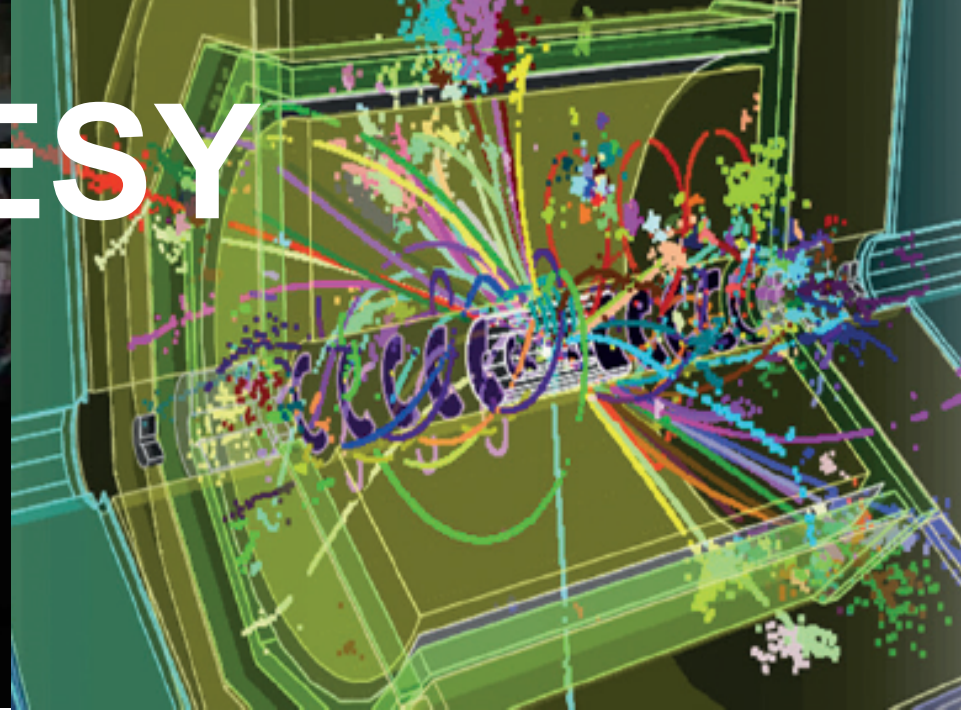
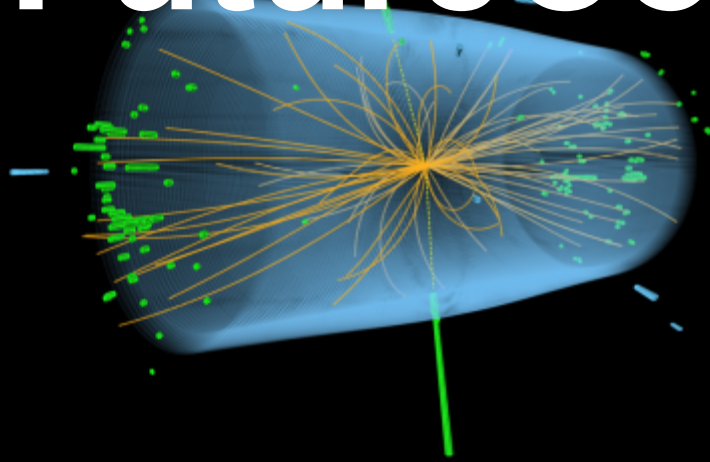


FutureColliders@DESY



Benno List, Christophe Grojean, Christian Schwanenberger, Jenny List
3rd Future Colliders @ DESY meeting
9 September 2021

News & Announcements

Upcoming events etc

ECFA Detector R&D Roadmap

- First draft has been available at the beginning of July
- Now available for Community Feedback

ECFA Higgs factory

- Kick-off meeting June 18, 2021: <https://indico.cern.ch/event/1033941/>
- No dedicated workshop till 2022
- The WGs will report at the Plenary ECFA meeting in November on 18/19 Nov.
- WG1+WG2 conveners are discussing the formation of topical working groups, seminar/tutorial series, topical workshops etc
- CERN e-group has been created based on the list of people who agreed to receive more information in the kick-off registration, ECFA-Workshop-Higgs-factory@cern.ch with currently 412 subscribers

News & Announcements

Upcoming events etc

Future ColliderS Unit at CERN

- Proposed by CERN management, as a home at CERN for the global community engaged in PED activities of common interest to *all* future colliders (along the lines of initiatives like the Neutrino Platform to allow for instance those not involved in CERN expts to register as users). In progress

ILC Workshop on Potential Experiments (ILCX2021): 26-29 Oct. 2021, fully online

- Registration open: <https://agenda.linearcollider.org/event/9211/registrations/>
- 23 parallel-session tracks, abstract submission deadline: 24.09.21

C3 (Cool Copper Collider) new collider considered in the US

- 250-550GeV
- Cu RF structure operated at 77K with 150 MV/m gradient
- Can reach $\sqrt{s} = 550$ GeV over 7 km

News & Announcements

Upcoming events etc

Snowmass

- Energy Frontier Workshop Restart: 30.08-03.09.21, <https://indico.fnal.gov/event/49756/>
- Timeline:

1/21-6/21	6/30/21	7/12/21	8/30/21	9/24/21	3/15/22	5/31/22	6/30/22	7/22	9/30/22	10/31/22
Activity Slowdown	Restart of Activities	DPF Meeting + Snowmass Townhall	Now, EF restart Workshop	Snowmass day	Deadline Contributed Paper Submission	Prelim. TG Reports	Prelim. Frontier Reports	Community Summer Study (UW-Seattle)	Final Reports	Snowmass Book & ArXiv docs

- **Sept. 24, 2021: Snowmass Day**, <https://indico.fnal.gov/event/50538/>
 - Plenary session 12:00-2:00pm (eastern time) with short talks from all frontiers
 - EF parallel session 2:30pm-5:00pm (eastern time) with highlights by topical group
 - Early Career (EC) will be chosen as speakers: they will provide their own perspective and highlight EC studies
- **Winter 2021-2022: few one-day virtual EF workshops by topic (SM, Higgs, BSM, Colliders,...)**
 - Check progress towards March deadline for contributed papers
 - Discuss overlap with other frontiers
- **Spring 2022: EF workshop to review contributed papers**
 - Focus on main themes and messages by contributed papers, towards May deadline for TG reports.
 - Converge on summary plots and other contributions involving multiple TGs or multiple frontiers
- **March-July 2022: circulations of preliminary TG and EF reports, then public readings**