

Welcome to the



YOUNG NORDIC FUTURE-COLLIDER DAY

14 May 2024, Lund

Organised by the early-career researchers (ECRs):

Arnau Morancho Tarda (DK)

Christina Dimitriadi, Erik Jakob Wallin, Magdalena Vande Voorde (SE)

Laura Huhta, Mikael Myllymäki, Petja Paakkinen (FI)

An event from ECRs to ECRs

Future Colliders for Early-Career Researchers

27 September 2023
CERN
Europe/Zurich timezone

Overview

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In 2020, the last update of the European Strategy for Particle Physics was approved by the CERN council. In one of its twenty strategy statements, it is stated that an electron-positron Higgs factory is the highest-priority next collider. Studies on such and other colliders are in full swing world-wide. Moreover, we are halfway to the next update of the European strategy in 2026-2027.


Considering the long timelines that these projects have, we think that it is of paramount importance for young researchers to participate in an informed way to the many discussions that are currently taking place on the future of our field.

The aim of this one-day workshop is to introduce ECRs to the future-collider proposals currently under consideration, so that young researchers can form their opinions about this important matter for the future of our field, and to foster the discussion within the ECR community on the same topic.

The workshop will be held in a hybrid format at CERN and will also feature a poster session for ECRs to present their work on or related to future colliders.

You can find more information concerning the zoom connection in the "Videoconference" page linked on the left.

 **Starts** 27 Sept 2023, 09:00
Ends 27 Sept 2023, 23:50
Europe/Zurich

 CERN
222/R-001
[Go to map](#)

ECFA-ECR Future Colliders
Working Group

 ecfa-ecr-future-colliders...

ECFA

European Committee for Future Accelerators



- One-day [workshop](#) on Future Colliders last September at CERN, organised by the corresponding ECFA ECR working group
- Building on the success of the CERN workshop, our event aims to bring the discussion of future colliders to the **Nordic countries**
- Platform for the ECRs in the Nordic countries to actively contribute to discussions on funding, career paths, and the future landscape of particle physics
- Ensure that our voices are heard and valued

Agenda

10:00 → 15:10	Young Nordic Future-Collider Day	Lundmarksalen	zoom	Join	
10:00	Welcome	10m			
	Speakers: Arnau Moranchó Tarda (University of Copenhagen (DK)), Christina Dimitriadi (Uppsala University (SE), University of Bonn (DE)), Erik Wallin (Lund University), Laura Huhta (University of Jyväskylä (FI)), Magdalena Vande Voorde (KTH Royal Institute of Technology (SE)), Mikael Myllymäki (Helsinki Institute of Physics (FI)), Petja Paakkinen				
10:10	Physics landscape and motivation	30m			
	Speaker: Matthew Philip Mccullough (CERN)				
10:40	Experimental overview of future colliders	40m			
	Speaker: Mogens Dam (University of Copenhagen (DK))				
11:20	Status and physics of EIC	30m			
	Speaker: Tuomas Lappi				
11:50	Report from ECFA ECR panel	20m			
	Speaker: Armin Ilg (University of Zurich)				
12:10	Lunch	2h			
14:10	Summary of activities in the Nordics	20m			
	Speaker: Magdalena Vande Voorde (KTH Royal Institute of Technology (SE))				
14:30	Panel discussion	40m			
	Speakers: Giulia Ripellino (Uppsala University (SE)), Henning Kirschenmann (Helsinki Institute of Physics (FI)), Mogens Dam (University of Copenhagen (DK)), Richard Brenner (Uppsala University (SE))				
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15:10 → 15:30	Coffee break	20m	Lundmarksalen		

The talks will be recorded, thanks to all speakers in advance :)

Lunch break



Afternoon session: activities summary talk + panel discussion

After fika



country-specific parallel sessions centered on FCC (either on zoom or in person)

Feedback Survey



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