

# FCC-hh physics and performance meeting 14/11/24 - introduction

Angela Taliercio, Birgit Stapf, Sarah Williams

# Status and news

- As discussed in the [kick-off on September 3rd](#), the aim is to expand the physics and performance studies for FCC-hh ahead of the next **European Strategy Update** (deadline for community input **31st March 2025**).
- Discussions on many topics ongoing since the [first meeting](#), evidently much enthusiasm and interest from several groups
- But the timeline is short and the list of ideas far longer than the amount of people able to spend a significant amount of time working on FCC-hh studies
- Time to converge on a list of priority studies and come into action !

# Today's agenda

16:00	→ 16:10	<b>Introduction</b>	🕒 10m	✎
		<b>Speakers:</b> Angela Taliencio (Northwestern University (US)), Birgit Stapf (CERN), Sarah Louise Williams (University of Cambridge (GB))		
16:10	→ 16:25	<b>FCC-hh inputs for global fits</b>	🕒 15m	✎
		<b>Speaker:</b> Juan Rojo Chacon (Nikhef National institute for subatomic physics (NL))		
		📄 rojo-FCChh-PPmeet...		
16:25	→ 16:40	<b>Round-table</b>	🕒 15m	✎
		Discussion from ongoing studies		
		Sample production plan	🕒 20m	✎
		<b>Speaker:</b> Birgit Stapf (CERN)		
		Sample request	🕒 20m	✎
		<b>Speaker:</b> Heather Gray (UC Berkeley/LBNL)		
		📄 Samples5070.pdf		

# Meeting structure & plans

Want these meetings to be relatively informal to encourage collaboration and enable trouble-shooting

In addition to scheduled talks and **tutorials**, will include a regular **roundtable**

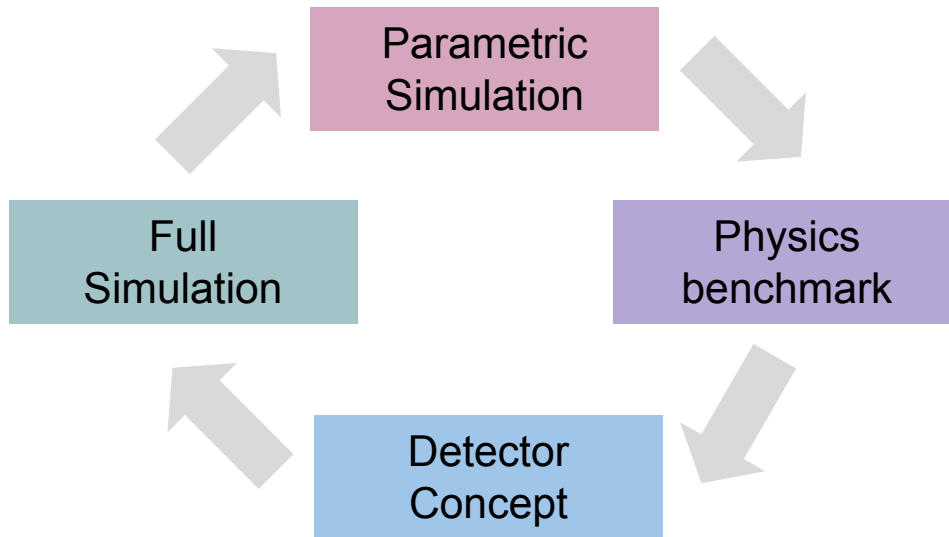
Future dates for meetings:

- 12/12/2024

Please sign up to the mailing list: *[fcc-ped-hh-physicsperformance-esp25@cern.ch](mailto:fcc-ped-hh-physicsperformance-esp25@cern.ch)*

Additional useful information on FCC-hh github page: [\[Link\]](#)

# Scope of the work



*Performance studies*

*Physics studies*