

FCC-contacts / Jamboree / July 7th 2023

Jamboree FCC / Future Colliders



vendredi 7 juil. 2023, 13:30 → 16:30 Europe/Paris

Description Salle Luc Valentin (454A), Batiment Condorcet, APC-Paris,

Zoom: <https://cern.zoom.us/j/68276960243?pwd=aWxvOW5naWd2ZlJZT1BWaTdxalI5QT09>

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|--------------|---------|---|-------|--|
| 13:30 | → 13:50 | News, FCC-Strasbourg | 🕒 20m | |
| 13:50 | → 14:10 | Higgs Mass measurement in ZH events @ APC
Orateurs: Gregorio Bernardi (APC Paris CNRS/IN2P3), Matthieu Gaillard (APC Paris CNRS/IN2P3) | 🕒 20m | |
| 14:10 | → 14:30 | Higgs width measurement @ IJCLAB
Orateurs: Inès Combes, Nicolas Morange (IJCLab) | 🕒 20m | |
| 14:30 | → 14:50 | Fluxes determination in calorimeters
Orateurs: M. Khlaïd Hassouna (LLR, CNRS, École polytechnique, Institut Polytechnique de Paris), Vincent BOUDRY (LLR - CNRS, École polytechnique/IPP Paris) | 🕒 20m | |
| 14:50 | → 15:10 | Higgs boson self-coupling measurements @ LLR
Orateur: Louis PORTALES (CNRS/UMR7638) | 🕒 20m | |
| 15:10 | → 15:30 | Signatures de scalaires légers à temps de vie long aux LHC et au FCC@ IP2I
Orateurs: Aldo Deandrea (IP2I - Université Lyon 1), Thomas Uribe-Apraez | 🕒 20m | |
| 15:30 | → 15:50 | Comparaison de PFA dans la mesure du couplage Higgs-WW dans le canal $e^+e^- \rightarrow H\nu\nu$
Orateurs: Gérald Grenier (IPN Lyon/Université Lyon 1), Suzanne GASCON-SHOTKIN (IPN Lyon), Tanguy Pasquier | 🕒 20m | |

7th FCC PED/Physics Workshop

- **Host: LAPP, Annecy.**
 - ◆ see the presentation by G. Lamana at the last PED coordination meeting
- **Dates: Jan. 29-Feb. 2, 2024**
 - ◆ Rooms booked for us:
 - Auditorium (211);
 - Amphitheatre (54);
 - One room (16);
 - One room (34);
 - (IAS Hong Kong HEP programme: Jan. 8-26)
 - Chamonix week?
- **Local Organization**
 - ◆ Local organizers: G. Lamana + TBA

News from ECFA II

- EPS conference, Hamburg, August 21-25 : there will be the traditional ECFA-EPS session to discuss about the future of the field with the following agenda defined by RECFA

1. Introduction	ECFA Chair	5 min
2. FCC Feasibility Study	NN, CERN	25 + 5 min (input from CERN)
3. Status of e+e- Higgs factory projects	NN	25 +5 min (input from RECFA)
4. ECFA study on e+e- Higgs factories	NN	20 + 5 min (input from IAC)
5. The ECFA Early Career Researcher Panel	NN	10 + 5 min (input from ECR Panel)
6. ECFA Detector R&D Roadmap	NN	25 + 5min (input from RECFA)
(overview on implementation status, and proposals)		

- **Speaker nominations:**
 - ◆ #3 → Jenny **List** (suggested by RECFA). #2 → Michael **Benedikt**
 - ◆ #4 → Giovanni **Marchiori** #6 → Didier **Contardo**
- **As well as two plenary talks:**
 - ◆ Overview on Detector R&D highlights / recent achievements (Erika **Garutti**, Hamburg)
 - ◆ Overview on Accelerator R&D highlights / recent achievements (Steinar **Stapnes**, CERN)

News from ECFA

- ❑ Karl's mandate as head of ECFA is finishing this year
- ❑ Election of new chair: Sept. 16, Lisbon
 - ◆ 12 nominations
 - ◆ 7 nominees accepted to run for election
 - Daniela Bortoletto UK
 - Paris Sphicas Greece
 - Gregorio Bernardi France
 - Juan Fuster Spain
 - Matthew Wing UK
 - Aleandro Nisati Italy
 - Nadia Pastrone Italy

Preferential vote, one ranked list per European country, ECFA member or associate (29 countries voting)

FCC/Higgs Factory/DRD France-Italie workshop en 2024

Proposition de dates: du Lundi 4 Novembre matin au Mercredi 14h (arrivée Dimanche donc)

Palazzo Franchetti.

C'est le week-end du 1er Novembre (qui est un vendredi) donc il faudra réserver tot.

FCC/Higgs Factory/DRD France workshop @ IPHC 22-24 Novembre

IPHC organisera le FCC France/Higgs Factory/DRD workshop du mercredi 22 midi au vendredi 24 Novembre 14h

Laurent Vacavant a confirmé sa présence jeudi et vendredi (arrivée mercredi soir)

Organisation scientifique

Thèmes/ organisation des sessions:

- DRD / FCC oriented Auguste, Didier, Giovanni, Nicolas, Suzanne, Vincent, Maxim, Paul
- Software: Ziad, Gerald
- Physics Cases studies Fairouz, Fares, Luc, Marco, Roberto, Stéphane
+ Pheno G. Cacciapaglia
- General/Proto-collaborations/EoI Détecteurs Didier, Greg, Laurent S., Roy, All

Wednesday 22/11			
Welcome and lunch at noon			
Plenary session-1 14h-15H30			
13:50-14:00	Welcome		
14:00-14:30	FCC general status		
14:30-14:50	Accelerator overview		
14:50-15:00	Goals of the workshop		
	Talk about LHC end / Upgrade		
coffee break			
Plenary session-2 16H00-18H30		Physics	
18H30-19H30 Round table ?			
Thursday 23/11			
09h-10h45 Tracking-1			
coffee break			
11h15-13h00 Calo-1			
LUNCH break			
14h15-15h45 Software/Analysis			
coffee break			
16h15-18h00 Discussion / Which Options			
Friday 24/11			
09h-10h00	Tracking-2	Eol's	
10h-11h00	Calo-2	Eol's	
coffee break			
11h30-12h45		Physics/Software	
	Conclusions		

A discuter lors de notre dernière réunion avant le break:

Vendredi 21/7 à 13H30
(ou jeudi ?)

Tour de table

APC
CPPM
IJC Lab
IPHC
IP2I
LAPP
LLR
LPC
LPNHE
LPSC
L2IT

