

- **For PED, the goal of the FCC Week gathering is fourfold**
 - Create a critical mass of US particle physicists to support and work for the FCC
 - Discuss the plans and structure of an FCC effort in the US
 - For PED, the FCC week will be a follow-up of the MIT US/FCC workshop in March 2024
 - Report about the implementation of the SAC/CRP/SPC/FC recommendations
 - Gather and brainstorm in view of the final Feasibility Report other deliverables

- **A programme with strong US participation is desirable**
 - This is reflected in the SPC (US) PED membership
 - And in the choice for its chair: **Srini Rajagopalan**

Chair: Sridi Rajagopalan

(Godfathers: Christophe Grojean, Patrick Janot)

Plenary speakers organization:

Greg Bernardi, Sarah Eno, Sridi Rajagopalan

Detector Concepts:

Felix Sefkow, Mogens Dam
Sergei Chekanov, Carl Haber
Marc-André Pleier, Zeynep Demiragli

Poster organisation:

David d'Enterria, Markus Klute

Software and Computing

Brieuc François, David Lange

Physics case, Theoretical calculations

Robert Szafron, Christoph Paus
Matthew McCullough, Andrei Gristan

EPOL

Eric Torrence
Jacqueline Keintzel, Guy Wilkinson

Detector requirements from physics

Mike Hance, Anadi Canepa
Patrizia Azzi, Junjie Zhu

MDI

Nicola Bacchetta
Manuela Boscolo, Fabrizio Palla

Reserve: Michael Peskin (SLAC), Josh Ruderman (NYU), Liantao Wang (Chicago), Stefan H6che (FNAL)

Declined: Ayres Freitas (Pittsburg), Heather Gray (LBNL)

Pink = US membership

PED Programme Logistics

- Current skeleton: 11 PED sessions, often in parallel with FCC-ee ACC sessions

Tuesday				Wednesday				Thursday			
Parallel 1	Parallel 2	Parallel 3	Parallel 4	Parallel 1	Parallel 2	Parallel 3	Parallel 4	Parallel 1	Parallel 2	Parallel 3	Parallel 4
PED	FCC-ee ACC	Technical Infrastructure	Parallel session	PED	FCC-ee ACC	SRF	FCCIS: Sustainability and impact generation	PED	FCC-ee ACC	Civil Engineering	Parallel session
Coffee Break				Coffee Break				Coffee Break			
PED	FCC-ee ACC	Technical Infrastructure	Parallel session	PED	FCC-ee ACC	SRF	FCCIS: Sustainability and impact generation	PED	FCC-ee ACC	Parallel session	Parallel session
Lunch break				Lunch break				Lunch break			
PED	FCC-ee ACC	Technical Infrastructure	Parallel session	PED	Magnets	SRF	Parallel session	PED	FCC-hh	Communication	Parallel session
Coffee Break				Coffee Break				Coffee Break			
PED	Parallel session	Technical Infrastructure	Parallel session	US plenary session				PED	FCC-hh INJ	Early Career Researchers	Parallel session
				<p>What is that exactly? Is it for Srini to organize ?</p>				<p>Poster session + apéritif dînatoire</p>			

- **EPOL and MDI are joint ACC/PED FCC-ee projects**
 - These sessions cannot happen in parallel with FCC-ee ACC sessions
 - Or with PED sessions if they are foreseen in FCC-ee ACC
 - **EPOL and MDI sessions cannot be in parallel either**
 - Unlike what happened in London, where Alain had a talk to give at the same time in an MDI session and an EPOL session. We are interested in following all these sessions !

- **We (PED) need 12 sessions altogether - counting all EPOL and MDI sessions**
 - **First basic schedule (this may/will change!) includes:**
 - Two physics case / th. calculations sessions
 - Two detector requirements sessions
 - Three detector concepts sessions
 - One software and computing session
 - Two EPOL (PED + ACC) sessions
 - Two MDI (PED + ACC) sessions

- **We need to clarify who organises the US plenary session (and its goals)**

- The PED programme will be influenced by the SPC/SAC recommendations
 - Precision measurements at the Z and related discovery potential
 - Importance of the t-tbar energy stage for physics
 - Energy stage sequence, and possible other energy stages
 - Additional science (invite PBC speakers?)
 - Justifications for 4IP at FCC-ee
 - Diversified programme at FCC-hh with the two “small” caverns (FCCb, FCC-ALICE, ...)
 - Participation in ECFA DRD programmes (invite DRD speakers?)
 - Environmental-friendly gases for detectors
 - Plans for theoretical work
 - Several of the above topics can be presented in the plenary session on Monday

- Corollary: what is the plan for Monday and Friday?
 - How much time for PED? How many PED posters?
 - Is there a need for a keynote presentation?
 - Summary of the Annecy Physics workshop? Of the 2nd US/FCC workshop @ MIT?
 - PED “summary” on Friday : US plans?

- First meeting of the programme committee is scheduled on Tuesday 27 February at 5pm
 - And then every two weeks until we have a programme (with some posters)