Opening remarks

S. Amoroso, <u>F. Giuli</u>, A. Glazov, O. Zenaiev

External xFitter meeting 02/05/2023

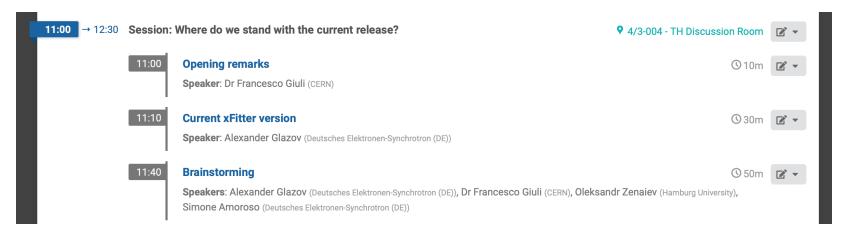


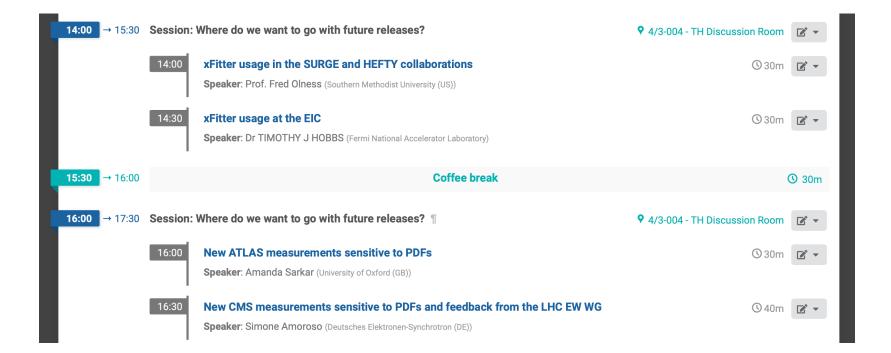


Welcome!

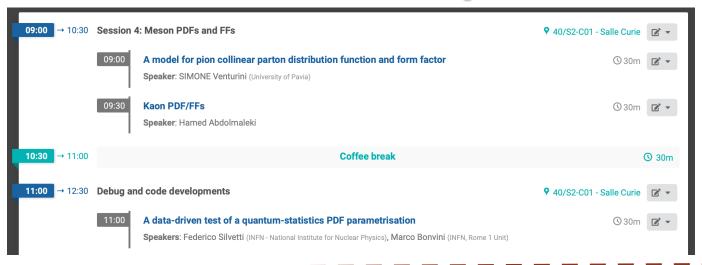
- From Tuesday 02/05 (10am) to Friday 05/05 (3pm)
- You can find the workshop agenda here
- For those at CERN we will meet:
 - on Tuesday (morning and afternoon) and Thursday (afternoon only) in 4/3-004 (TH discussion room)
 - all the other sessions will take place in 40/S2-C01 (Salle Curie)
- Morning sessions will be devoted to:
 - internal developments
 - brainstorming on new features to be added in the future release
 - actual coding and debugging (if necessary)
- During afternoon sessions we will have contributions about:
 - ongoing projects
 - future studies
- Zoom connection details

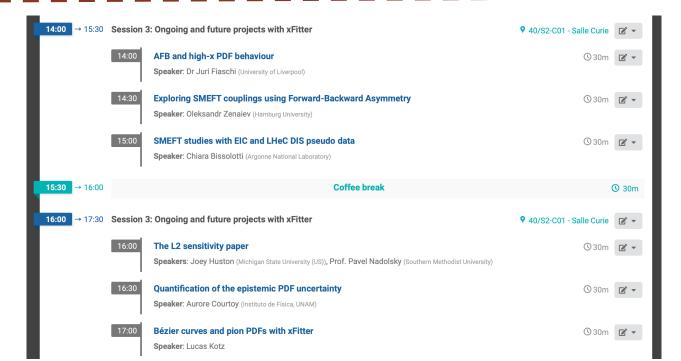






Wednesday



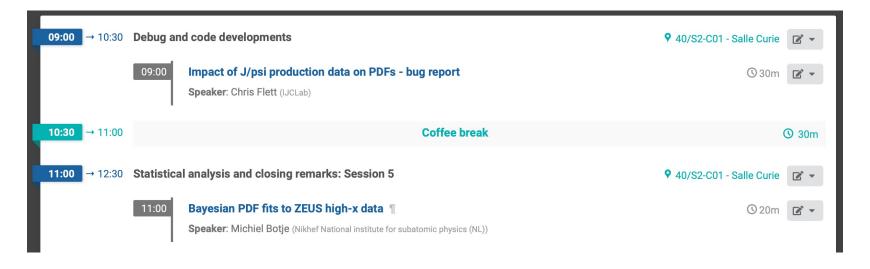


Thursday

09:00 → 10:30	Session 4: Debug and code developments • 40/S2-C01 - Salle Co				
	09:00	N3LO PDF evolution and APFEL update Speaker: Dr Valerio Bertone (C.E.A. Paris-Saclay)	③ 30m		
	09:30	DYTURBO interface and its applications Speaker: Stefano Camarda (CERN)	③ 30m		
10:30 → 11:00		Coffee break		③ 30m	
11:00 → 12:30	Session 4	Recent developments on TMD-PB fits	♥ 40/S2-C01 - Salle Curie ③ 30m	₽ ▼	
		Speakers: Hannes Jung (Deutsches Elektronen-Synchrotron (DE)), Sara Taheri Monfared (Deutsches Elektronen-Sync	hrotron (DE))		

14:00 → 15:30	Session 3	3: Ongoing and future projects with xFitter	• 4/3-004 - TH Discussion Room	₹ •
	14:00	Including qT-resummation in DY and its impact on PDF fits Speaker: Alessandro Guida (Humboldt University of Berlin (DE))	⊙ 30m	
	14:30	Running of the weak mixing angle at the LHC Speaker: Federico Vazzoler (Deutsches Elektronen-Synchrotron (DE))	⊙ 30m	∠
15:30 → 16:00		Coffee break		O 30m
16:00 → 17:30	Session 3	3: Ongoing and future projects with xFitter	• 4/3-004 - TH Discussion Room	€ *
	16:00	APPLfast update Speakers: Claire Gwenlan (University of Oxford (GB)), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Technology (Data of Control (GB))), Mr Lucas Kunz (KIT - Karlsruhe Institute of Control (GB)), Mr Lucas Kunz (CH) (GB) (GB) (GB) (GB) (GB) (GB) (GB) (GB	③ 30m	₩ +
	16:30	MATRIX interface to fast-interpolation tools Speakers: Stefan Kallweit (Universita & INFN, Milano-Bicocca (IT)), Tomas Jezo (WWU ITP)	③ 30m	
	17:00	PineAPPL interface to xFitter and MSR mass studies with MCFM Speaker: Dr Toni Makela (NCBJ)	© 30m	∠ •





- Probably we will have a contribution by Bogdan about recent developments of statistical models and how they can be introduced to xFitter (TBC)
- Last presentation before lunch

Coffee breaks, meals and social event

- Coffee breaks can be done either in the <u>4/2-011</u> (TH common room), <u>B40</u> <u>cafeteria</u> or <u>R1</u>
- R1 has been renewed and now it is back at full capacity
 - Opening hours: 6am 10pm
- Social dinner on Thursday evening:
 - We can decide between fondue (<u>Le Gruyerien</u> in Planpalais, Geneva) or pizza (<u>Luigia Accademy</u> in Meyrin village)
 - Other options available nearby
 - We can grab a drink at R1 before going to dinner together
- We wish you a fruitful workshop!