ECR involvement in EPPSU

Krzysztof Mękała (DESY / U. of Warsaw)

CERN, 13.01.2025

European Strategy for Particle Physics

- The European Strategy for Particle Physics defines the long-term future of the field.
- In March 2024, the CERN Council launched the process for the update of the Strategy.
- The update process (EPPSU) is expected to converge in **January 2026** and the community is asked to provide input by **March 2025**.
- Early Career Researchers (ECR) are welcome to contribute!

Start of the activities

- ECFA ECR panel has initiated preparation of a dedicated input to the European Strategy from **young researchers**:
 - non-permanent or <10 years after PhD
 - studying or employed in ECFA member states or CERN
- First organisational meetings took place in September, the 'kick-off' session was organised at the <u>3rd ECFA Workshop on Higgs/top/EW factories</u> in Paris.
- A few Working Groups (WGs) were formed to facilitate the effort.
- A dedicated <u>ECR workshop</u> was organised at CERN in November.

ECR Workshop at CERN

- Up to 35 people on site, 55 people on zoom
- Reports from Working Groups + discussion

			14:00	Parallel WG Meetings	
09:00	Introduction	Armin lig 🥝		Falanei VIG meeunga	
	40/S2-D01 - Salle Dirac, CERN	09:00 - 09:20			
	WG: Communicating the importance of particle physics	Abdelhamid Haddad 🥝			
	40/S2-D01 - Salle Dirac, CERN	09:20 - 09:50			
	WG: Future Colliders	Leonhard Reichenbach	15:00		
10:00					
	40/S2-D01 - Salle Dirac, CERN	09:50 - 10:20			
	Workshop photo				
	40/S2-D01 - Salle Dirac, CERN	10:20 - 10:25		CERN	14:00 - 16:00
	Coffee break		16:00	Informal ECR discussion	Krzysztof Mekala i in. 🥝
	40/S2-D01 - Salle Dirac, CERN	10:25 - 10:50			
	WG: Future particle physics experiments beyond colliders	Dr Alexander Burgman i in. 🥔			
11:00	40/S2-D01 - Salle Dirac, CERN	10:50 - 11:20			
	WG: Interplay with neighboring fields	Dr Alexander Burgman 🥝	17:00		
	40/S2-D01 - Salle Dirac, CERN	11:20 - 11:50		40/S2-D01 - Salle Dirac, CERN	16:00 - 17:30
	WG: Career prospects and ECR leadership	Jan Franciszek Klamka 🥝		Open Networking in R1	
12:00					
	40/S2-D01 - Salle Dirac, CERN	11:50 - 12:20	18:00		
	Discussion about scope of WGs	Emanuela Musumeci i in.			
	40/S2-D01 - Salle Dirac, CERN	12:20 - 12:40			
	Summary and next steps	Krzysztof Mekala 🥝			
	40/S2-D01 - Salle Dirac, CERN	12:40 - 13:00		RL CERN	17:30 - 19:00



Early Career Researchers' input

- **General spirit:** today's students => tomorrow's leaders
- Trying to answer the question how to keep (make?) our field efficient and livable
- 5 WGs established:
 - WG1: Communicating the importance of particle physics
 - WG2: Future colliders
 - WG3: Future particle physics experiments beyond colliders
 - WG4: Career prospects and ECR leadership
 - WG5: Mentorship, Diversity, Equity, Inclusion & Mental Health
- Communication via <u>Mattermost</u> and regular online meetings: **everyone** is invited!

Issues discussed (examples)

- Communicating the importance of particle physics:
 - how to acknowledge people for doing outreach?
- Future colliders:
 - what project-evaluation criteria should be prioritised from our perspective?
- Future particle physics experiments beyond colliders:
 - how to make sure the next collider will not consume the entire budget?
- Career prospects and ECR leadership:
 - how to include ECRs in the decision-making process?
- Mentorship, Diversity, Equity, Inclusion & Mental Health:
 - what should change in our community to make it more livable?

ECR survey

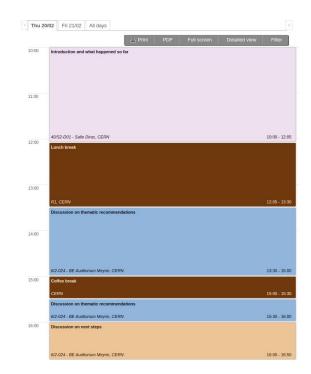
• To gather input from the community, we launched a <u>survey</u>.

(deadline: January 15th)

- Future colliders questions central, but questions from other WGs also included
- Answers to be cross-correlated to detect any bias (e.g. to check if we have reached all communities)
- If your institution has not received the survey and/or you want to help distribute it, please contact us!

Next steps

- Survey results and the ECR White Paper contents to be discussed at the <u>ECR Symposium</u> on February 20th at CERN and online (120 participants registered so far, 45 in person)
- All ECRs are invited to join:
 - help us distribute the information!
 - if you employ any ECRs, fund their trip :)
- Final corrections to the White Paper after the Symposium



Conclusions

- The European community of particle physicists is now deciding its future.
- The participation of ECRs in the decision-making process is important for several (also very pragmatic) reasons!
- How to make sure our voices are heard?