



Contribution ID: 578

Type: **Parallel**

The Early Career Researchers' Input to the 2026 Update of the European Strategy for Particle Physics

Wednesday 9 July 2025 09:30 (20 minutes)

The future of particle physics is inseparable from the well-being, engagement, and career development of today's early career researchers (ECRs) —the very scientists who will lead the field forward. Yet, many ECRs face structural challenges including short-term contracts, limited job security, under-recognition, and frequent relocations. These issues create uncertainty and threaten the sustainability of the field. At the same time, fostering an inclusive, supportive, and equitable research culture is essential for retaining talent and enabling innovation.

In light of the ongoing efforts toward the European Strategy for Particle Physics Update (ESPPU), ECRs from across Europe (and beyond) have come together to provide a formal input in the form of 55 key recommendations supported by a detailed 100-page white paper (arXiv:2503.19862). Grounded in a community-wide survey of over 800 ECRs, this work identifies the most pressing challenges faced by early career scientists. It offers a holistic perspective on the ECR experience—addressing not only the uncertainties surrounding future collider projects and the growing role of beyond-collider experiments but also broader aspects such as career development, mental well-being, science communication, and long-term planning for the field.

This talk will provide a brief overview of the initiative, highlight the key findings and recommendations, and discuss concrete actions proposed to help build a more inclusive, sustainable, and inspiring future for the next generation of particle physicists.

Secondary track

Authors: HADDAD, Abdelhamid (LPCA, Université Clermont-Auvergne, CNRS/IN2P3 (FR)); BURGMAN, Alexander (Stockholm University); ILG, Armin (University of Zürich); LONG, Elizabeth (Charles University, Prague, Czech Republic); MEKALA, Krzysztof (University of Warsaw / DESY)

Presenter: HADDAD, Abdelhamid (LPCA, Université Clermont-Auvergne, CNRS/IN2P3 (FR))

Session Classification: T14

Track Classification: T14 - Outreach, Education and EDI