

Past ECFA ECR Activities

P. Schwendimann

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The First Mandate

Past ECFA
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Activities

European
Strategy
Update

Towards
ECFA ECR
Panel

Tasks of the
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Panel

The Situation

- The [Briefing Book](#) for the European Strategy Upgrade (ESU) was out
- The official document was not yet drafted.
- ECFA wanted to learn about the opinion of the early career researchers.

ECFA Early Career Researcher Debate

- Multiple video meetings followed by a debate of the 180 participants in person in November 2019.
- Summarising our opinion in the [ECFA ECR Report](#) on the 2020 European Strategy Update for Particle Physics

General Comments on ESU

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Keep The Field Active in Europe

- Open for international and intercontinental collaboration.
- Be aware of other projects and how they affect Europe.
- Require a new European collider project soon after HL-LHC is finished.

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Towards a Permanent ECFA ECR Panel

- Today's ECR are running tomorrow's experiments.
- Some ECRs have the feeling that our opinion was asked only in a very late phase.
- Requesting a permanent ECR Committee within ECFA to represent their opinions in various bodies.

Sustainability Requests

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Sociological Aspects

- Equal recognition for different career paths.
- Transfer some funding for non-permanent positions to funding for permanent positions.
- Adequate work-life balance and reconciliation of scientific career and family life.

Environmental Aspects

- Large Laboratories such as CERN have a unique position in society.
- Consider efficiency and impact not only of future accelerators but of the infrastructure as whole.
- More aspects: Computational resources, conferences ...

Further Comments related to Specific Fields

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- Software development and computing are not only tools for physics analysis but as individual research requiring a high level of skill.
- There is no consensus for the ideal next collider. Some measurements and models favour an e^+e^- machine while others favour a pp collider.
- Research in the regime of light flavour physics requires dedicated, smaller experiments. A diversification of experiments may be the key to beyond standard model discoveries.
- Bring theorists and experimentalists closer together.

Impact of the Debate

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Implemented in the **Updated European Strategy**.

- **Environmental Concerns**

Implemented in point 7.A

- **Equal Recognition**

Implemented in point 7.B

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Not quite implemented sociological aspects

- Shift to funding of permanent positions
- Reconciliation of scientific career with private life.

Permanent ECFA ECR Panel

Well ... here we are!

Towards a new Mandate

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- In the [Updated European Strategy](#), the creation of an ECR panel under the auspices of ECFA is suggested.
- After discussing with the 180 ECR delegates for the November 2019 debates, a new mandate was drafted together with a dedicated ECFA task force.
- The [new mandate](#) was accepted in July 2020 by the plenary ECFA and the nomination process for the new ECFA ECR panel could begin.

Objectives of the ECFA ECR Panel

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- Create awareness for the ECR's situation.
- Represent the views of the ECRs on the physics programme and beyond.
- Provide perspective to ECRs operating future experiments.
- Proactively formulate clear and action oriented proposals.
- Improve communication between ECFA and ECRs.
- Keep track of where ECR recommendations are acted upon.
- The panel may adjust the objectives to altered situations.

Things Not Written in the Mandate

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On the ECFA ECR Panel Connection to ECFA

- Get some people on the official ECFA mailing lists.
- Invite ECFA members (e.g. the chair) as observer if you deem appropriate.

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On How to Proceed With Meetings

- Make use of video conferences.
- Organise yourself as you deem fit.
- Plenary ECFA ECR meeting before plenary ECFA meeting in November, plan ample time to compile and circulate the ECR report.
- If a face to face meeting is deemed appropriate, the ECFA chair promised us to help in organising.

Concluding Remark

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The torch has been lit and we highly appreciated the opportunity to shape the future of our field. Now it is time to pass the torch on to you, a new group of researchers at the beginning of their careers. Bear in mind that we will be the ones working on the future experiments. May you use this opportunity to shape the future of our field as we did before you and then pass on the torch burning bright.

Contacts

Patrick Schwendimann (patrick.schwendimann@psi.ch)

Hendrik Jansen (hendrik.jansen@desy.de)

Erica Brondolin (erica.brondolin@gmail.com)

Elliot Reynolds (elliot.reynolds@cern.ch)

Abhijit Mathad (amathad@cern.ch)

List of Links

Past ECFA
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- Physics Briefing Book
<https://arxiv.org/abs/1910.11775>
- ECFA ECR Report
<http://cds.cern.ch/record/2708708/files/>
- Updated European Strategy
[https://home.cern/sites/home.web.cern.ch/files/2020-06/2020 Update European Strategy.pdf](https://home.cern/sites/home.web.cern.ch/files/2020-06/2020%20Update%20European%20Strategy.pdf)
- New Mandate
<https://ecfa.web.cern.ch/mandate-ecfa-early-career-researcher-panel>

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