

ECFA

European Committee for Future Accelerators



ECFA Training Panel

Membership

Johann Collot — Co-chair, ECFA Detector Panel

Erika Garutti — Co-chair, ECFA Detector Panel

Robert Appleby — ECFA accelerators

Richard Brenner — ECFA particle physics

Paola Gianotti — NuPECC

Claire Gwenlan — ECFA particle physics

Armin Ilg — ECFA ECR panel

Paolo Martinengo — ECFA particle physics

Elias Metral — ECFA accelerators

Ian Shipsey — ICFA

Niels van Bakel — ECFA particle physics APPEC

Ex-officio

Karl Jakobs — ECFA Chair

Patricia Conde Muíño — ECFA Scientific Secretary

Agenda

List of tasks:

- 1) Discuss and develop the new ECFA web page including Training Panel page
- 2) Collect and coordinate schools in instrumentation
- 3) Organize an EU master in instrumentation
- 4) Attract, nurture, recognize and sustain the careers of R&D experts

Task 1) Web page

- Define the content of the ECFA Training web page

Proposal:

- List of regular schools / hands-on events in the field of detector & accelerator
 - List of institutes offering a Master in instrumentation or similar
 - Suggested curriculum for a Career in Instrumentation Physics
 - Career path options & Testimonial examples (see task 4)
 - Networking (create a Linked in group, link to DRC ECR panel activities, ...)
- Define a structure to display the information
 - As example: <https://ideasquare.cern/>
 - Split the page for Undergraduate students / PhD / Postdocs / Researchers / Institutes
- Implement

Patricia Conde Muino from CERN will help with the technical aspects and the hope is to get some funds from CERN directorate for 6 months professional support (possibly coming from the Idea2 project)

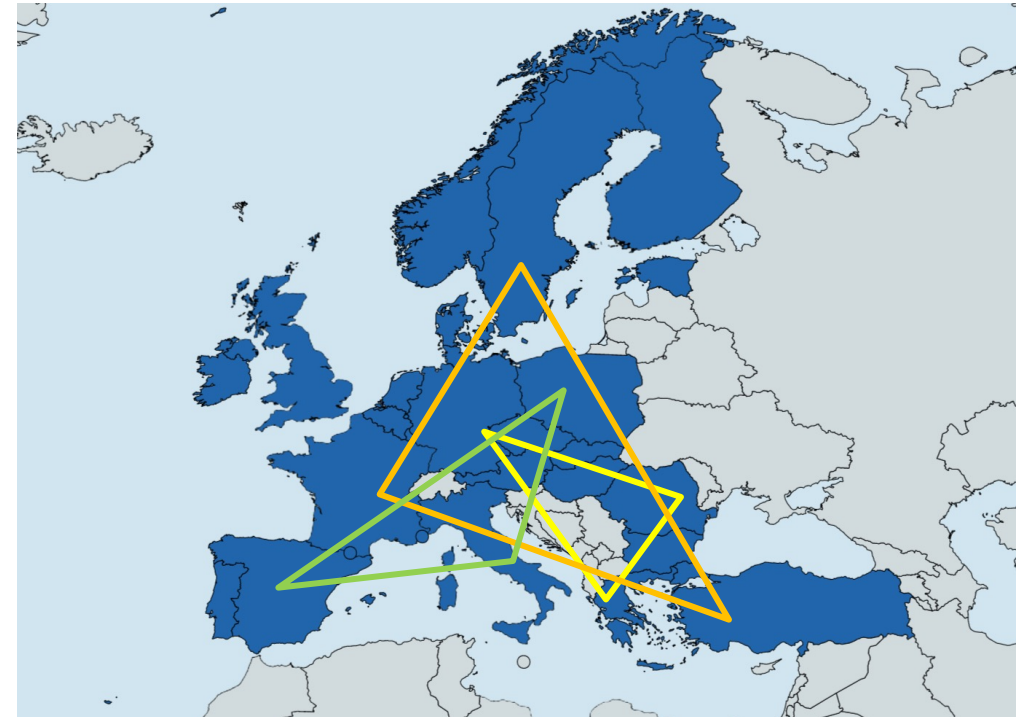
Task 2) collect and coordinate schools

- Identify candidates to contact the school organizers & promote the ECFA structure
- Call a meeting with all school organizers:
 - coordinate the aims, time, offers of the schools proposed on a regular base
 - discuss missing activities and needs to develop further hands-on offers
 - coordinate a permanent feedback from organizers to web page
- Added value for organizers:
 - Network of trainers & list of portable hands-on experiments to be invited at schools
 - Visibility & recognition at EU level
 - Broad advertisement on the ECFA web page

Task 3) EU master in instrumentation

- Identify candidates to coordinate the EU master preparatory phase
- Prepare a document with a “possible” curriculum in instrumentation to discuss with stockholders who could be interested in contributing
- Idea:
 - trilateral-master program (similar to Erasmus-mundi)
 - Bring together institutes with large infrastructures & “less privileged” universities with strong experimental competences
- Invited Talk from Kevin Kroening, University of Dortmund:
“Experience with European Master and thoughts about the ECFA Master in Instrumentation.”

EU Master in Instrumentation



Exemplary graph only / no real connections

Task 4) Careers Paths

- Attract, nurture, recognize and sustain the careers of R&D experts
- Collect Career path options & Testimonial examples in the various countries
- Work in cooperation with young ECFA
- Identify candidates to support this activity