

Nearly 21 years ago, in December 1962, Viktor Weisskopf and Cecil Powell, then respectively CERN's Director General and Chairman of the Scientific Policy Committee, called together a group of European high energy physicists to advise on steps to reach higher energy. The CERN PS had been in operation since 1959, its experimental programme was well established and the time had come to think of the future.

The Chairman of the group, which later took the title 'European Committee for Future Accelerators', was Edoardo Amaldi and his influential report, presented to the CERN Council in June 1963, reviewed the whole structure and possible development of the field in the CERN Member States. Its proposals included the construction of the Intersecting Storage Rings (ISR), and of a 300 GeV proton accelerator which was then envisaged as being the major facility of a second CERN Laboratory elsewhere in Europe.

DRAFT 13.4.

# Remarks on ECFA today

Max Klein  
on behalf of the ECFA UK Delegation

STFC Town Meeting, on-line, April 14, 2021

ECFA is not part of the CERN organization and this independence is essential to its role in presenting the views of the community on all matters relating to high energy physics in Europe. For example, an important item on ECFA's current agenda is the future programme of research at DESY and the HERA project.

John Mulvey (CERN Courier 6/1983)

History (next year ECFA gets 60)  
and important remarks ..

task of reviewing European high energy physics activities as a whole — not just the plans for future accelerators but also their utilization, the resources necessary in the universities to support experiments, and the character of the community itself.

# The Role of ECFA

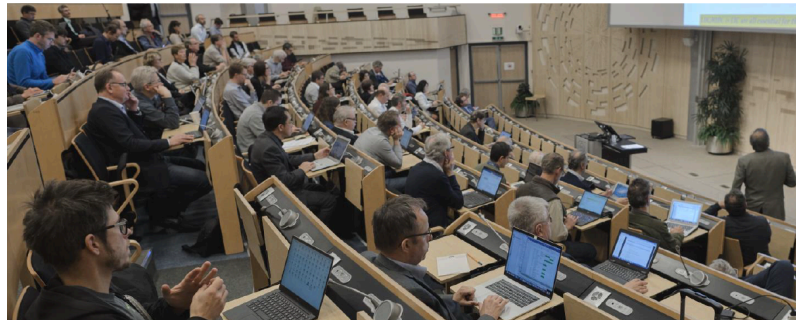
well in line with the past



Jorgen de Hondt (Chair 2018-2020, Newsletter Nr 1, 7/2018)

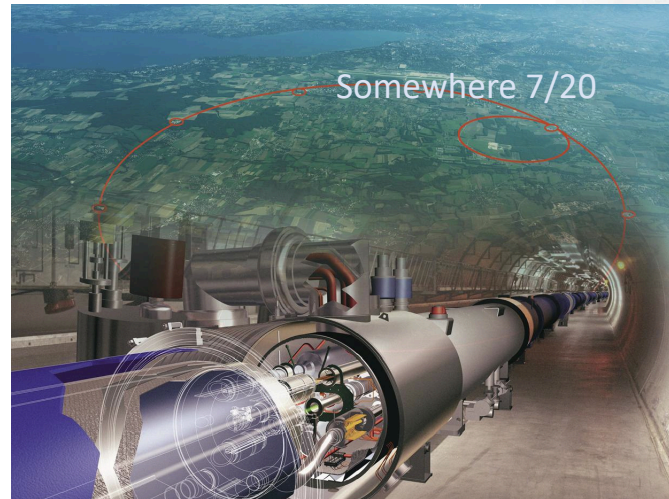
The quest to find answers at the energy and intensity frontier continues to fascinate people with aspirations in fundamental physics and cutting-edge technology and instrumentation. ECFA plays a major advisory role within the community, providing oversight and information about new developments on all fronts. Our community has not only developed methods for organising research, but has also established a unique culture of collaboration among researchers, from devising initial conceptual ideas to uniting thousands around a shared ambition. ECFA has an important role to play in fostering that culture and promoting further developments on the supranational European level in order to achieve our collective scientific objectives.

Some of the main aims of ECFA are to contribute to the long-range planning of European high-energy physics facilities, to ensure a good balance between the roles of international and national laboratories and academic institutions, and to foster close relations between research and education in high-energy physics and other fields. ECFA also monitors the conditions for research and the sharing of facilities between physicists, irrespective of nationality and origin, ensuring that they are conducive to successful collaboration. The above aims are achieved through regular Plenary ECFA meetings and dedicated country visits by Restricted ECFA.



## ECFA Newsletters

remarkable legacy of Jorgen de Hondt  
new chair since 2021: Karl Jakobs



Best source  
of information  
on ECFA

# ECFA Newsletters in 2020

<https://ecfa.web.cern.ch/ecfa-newsletters>

**Nr 6 (November 2020)**

**Nr 5 (July 2020)**

**Report by Chair** Jorgen de Hondt **and Secretary** Carlos Lacasta

**Initial Views on the European Strategy Implementation**

Fabiola Gianotti

**Reports from the Laboratories**

CERN Fabiola Gianotti

DESY Joachim Mnich

INFN Frascati Pierluigi Campana

**MidTerm Report: Belgium** Nick van Remortel

**EuPRAXIA** A European Plasma Research Accelerator  
with Excellence in Applications

Maria Weikum, Ralph Assmann, Massimo Ferrario

**Electrons for the LHC** – on the Update of the LHeC CDR:  
Physics, Accelerator and Detector Oliver Bruening, Max Klein

**Report by Chair** Jorgen de Hondt **and Secretary** Carlos Lacasta

**Reports from the Laboratories**

CERN Eckhard Elsen DESY Joachim Mnich INFN Frascati Fabio Bossi

**MidTerm: Bulgaria** Plamen Iaydjiev; **Sweden** David Milstead

**Status of the International Linear Collider** Steinar Stapness

**Status of the Future Circular Collider**

Michael Benedikt, Frank Zimmermann

**Detector R&D Roadmap** Susanne Kuehn

**Accelerator R&D Roadmap** Leonid Rivkin

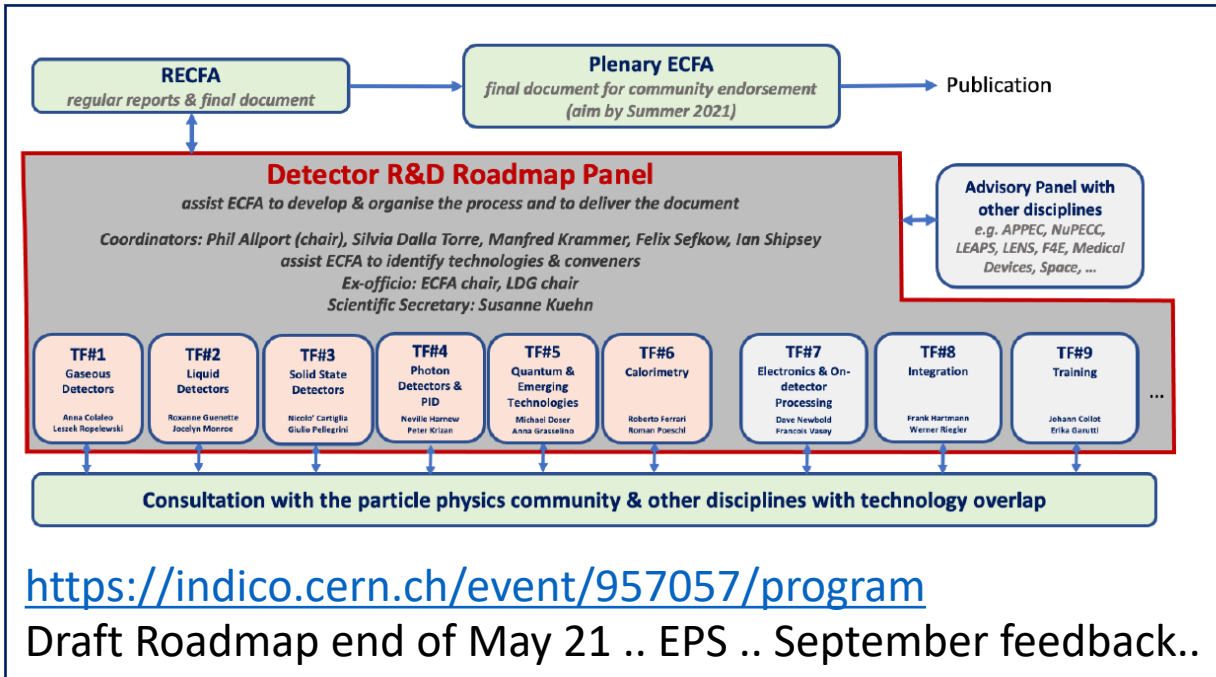
**Gamma Factory**

Dmitry Budker, Yann Dutheil, Mieczyslaw Witold Krasny

**EuPRAXIA:** Ralph Assmann, Massimo Ferrario

**The US Snowmass Process** Young-Kee Kim

# ECFA Activities in 2021



## Physics, Experiments (+Det) Study for an $e^+e^-$ H Factory

Two (so far) main WGs: **Physics Potential and Analysis Tools**. IAC (19 Members) chaired by K Jakobs. Convenors nominated Startup end of May/early June. Long term study (~3years) Directed to explore  $e^+e^-$  (mainly) Higgs potential, related also to hadron (HL-LHC, FCC-hh) and other colliders

## Representation of Large Laboratories restructured (LDG)

Accelerator Roadmap (Magnets, Plasma, ERL, SRF, Muons) accompanied by ECFA, but an LDG/CERN Council process.

## rECFA Country Visits 2021 (tbc)

France 10/11. September

Serbia 8/9. October

Denmark 5/6 November

## Early Career Research Panel (19.11.20) **NEW**

73 Members, 5 pECFA Observers, LB in rECFA

Eleonora Diociaiuti	(Frascati, mu2e)
Gianluca Inguglia	(Austria, BELLE)
Henning Kirschenmann	(Finland, CMS)
Lydia Brenner	(CERN, ATLAS)
Paweł Sznajder	(Poland, theory)

## Plenary ECFA Meetings

during EPS (26-30.7.) + November 18-19.11. perhaps at CERN

## Joint ECFA-NuPECC-APPEC Seminars

1<sup>st</sup> JENAS event at Orsay in 2019 (<https://jenas-2019.lal.in2p3.fr>)

2<sup>nd</sup> JENAS event planned in Madrid in 2022 (3 – 6 May 2022);

# ECFA UK

ECFA agreed to the enlargement of the UK delegation corresponding to the UK's role and renaissance of ECFA.

UK Delegation to ECFA (six members since 11/2020)



Nigel Glover  
(Many thanks)



Aidan Robson  
incoming in 2021



Daniela Bortoletto



Stewart Boogert  
rECFA 2015-2020  
Many thanks



Phil Burrows



Sinead Farrington



Max Klein  
rECFA since 2021



Matthew Wing

Status 14.4.2021

UK delegation engaged in ECFA activities jointly with the strong community that we are. Thanks.