



# ECFA Activities

CHIPP Plenary Meeting 2020

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material: J.D'Hondt, ECFA Chair





## Schedule for 2020 (adapted due to COVID-19)

- RECFA meeting (planned: Serbia), March 27 → postponed
- RECFA meeting (planned: France), 17 April 14:00-18:00 CET — REMOTE
- RECFA meeting, 15 May 14:00-18:00 CET — REMOTE
- RECFA meeting, 13 July 10:00-12:00 CET – REMOTE
- PECFA meeting, 13 July 13:30-17:00 CET – REMOTE
- RECFA meeting, 9 October 14:00-18:00 CET – REMOTE
- RECFA & PECFA meeting, 19-20 November – REMOTE ← **NEXT MEETING**



## Major laboratories represented in ECFA

The slot for the three laboratories (CERN, DESY, Frascati) appeared in 2009. Before that time only CERN and DESY were represented in RECFA. Probably because there were running particle physics experiments in these labs at that time.

These laboratories report during regular RECFA and Plenary ECFA meetings.  
Surely today there might be additional major laboratories to consider for ECFA.

**ECFA opted to revisit the list.**



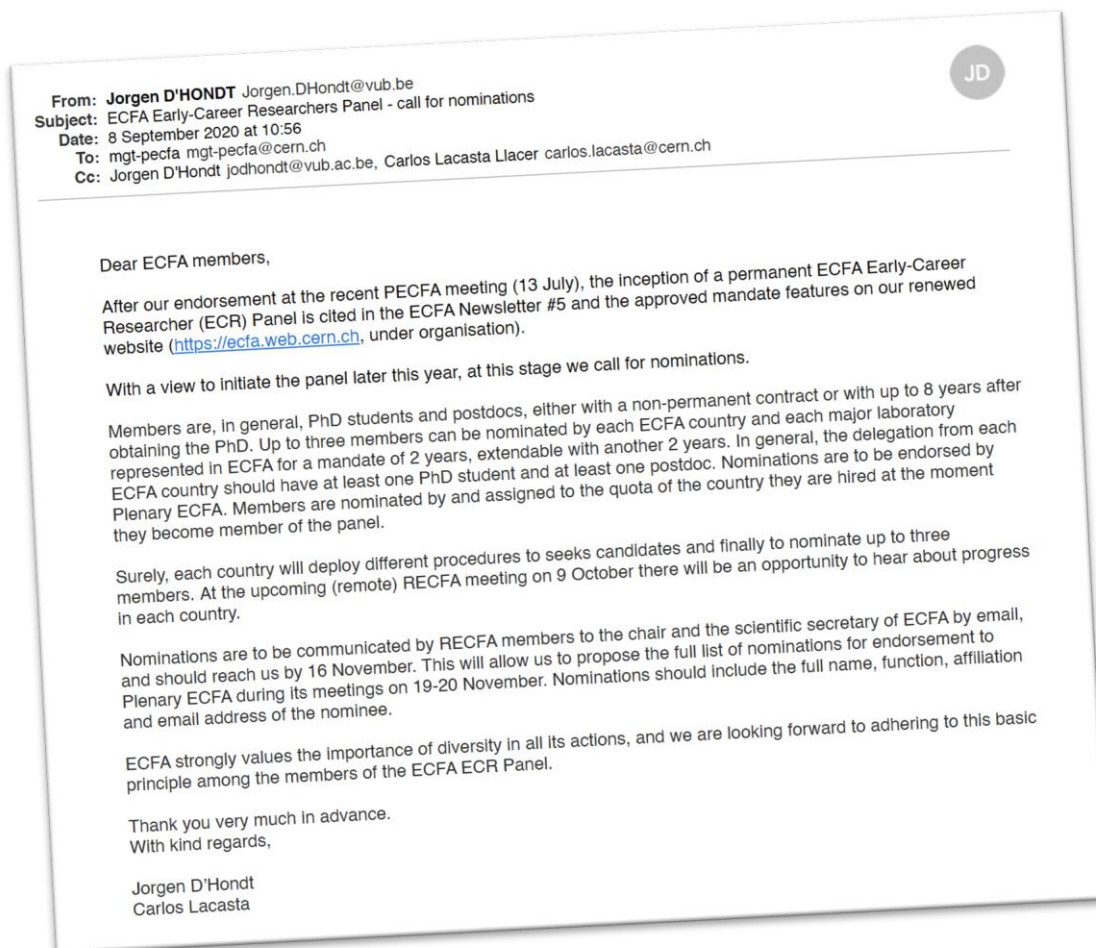
## Applications received

- Applications received from (documents uploaded on the indico agenda of this meeting)
  - **IJCLab:** <https://www.ijclab.in2p3.fr/en/home/>  
*Laboratoire de Physique des 2 infinis Irene Joliot-Curie*
  - **IRFU:** <http://irfu.cea.fr/en/>  
*Institute of Research Into the Fundamental Laws of the Universe*
- Next: first discussion at this meeting, and potentially further the thoughts together with few of you such as to prepare a proposal by our next ECFA meeting (19 Nov).
- Would change the Terms of Reference of ECFA, hence requires approval from Plenary ECFA.

## Mandate for the ECFA ECR Panel

- The objective of the ECFA Early-Career Researchers (ECR) Panel is for its members to **discuss all aspects that contribute in a broad sense to the future of the research field of particle physics**. In its **advisory role to ECFA**, the panel reports to ECFA on a regular basis. An annual report of the ECFA ECR Panel is added as a standing item to the agenda of Plenary ECFA meetings.
- Members are, in general, **PhD students and postdocs**, either with a non-permanent contract or with up to 8 years after obtaining the PhD. **Up to three members** can be nominated by each ECFA country and each major laboratory represented in ECFA for a mandate of 2 years, extendable with another 2 years. In general, the delegation from each ECFA country should have at least one PhD student and at least one postdoc. Nominations are to be endorsed by Plenary ECFA. Members are nominated by and assigned to the quota of the country they are hired at the moment they become member of the panel.
- Members act as individuals, but **should be able to represent the views of early-career researchers in particle physics in the country** from which they were nominated.
- From among the ECFA ECR Panel members, a delegation of up to five members is assigned by the panel as observers to Plenary ECFA meetings, and one member is assigned by the panel as observer to Restricted ECFA meetings.
- The ECFA ECR Panel would normally hold **two plenary (tele-)meetings per year** among its members.
- The activities of the ECFA ECR Panel are organised by a smaller group selected by the panel itself from among its members. To achieve their aims, the ECFA ECR Panel can proceed among others with regular meetings, topical working groups and studies related to the early-career researchers community in particle physics in ECFA countries.
- The ECFA ECR Panel can invite observers to its meetings, for example to seek adequate diversity among the participants to conduct its business.

## Towards the installation of the ECFA ECR Panel

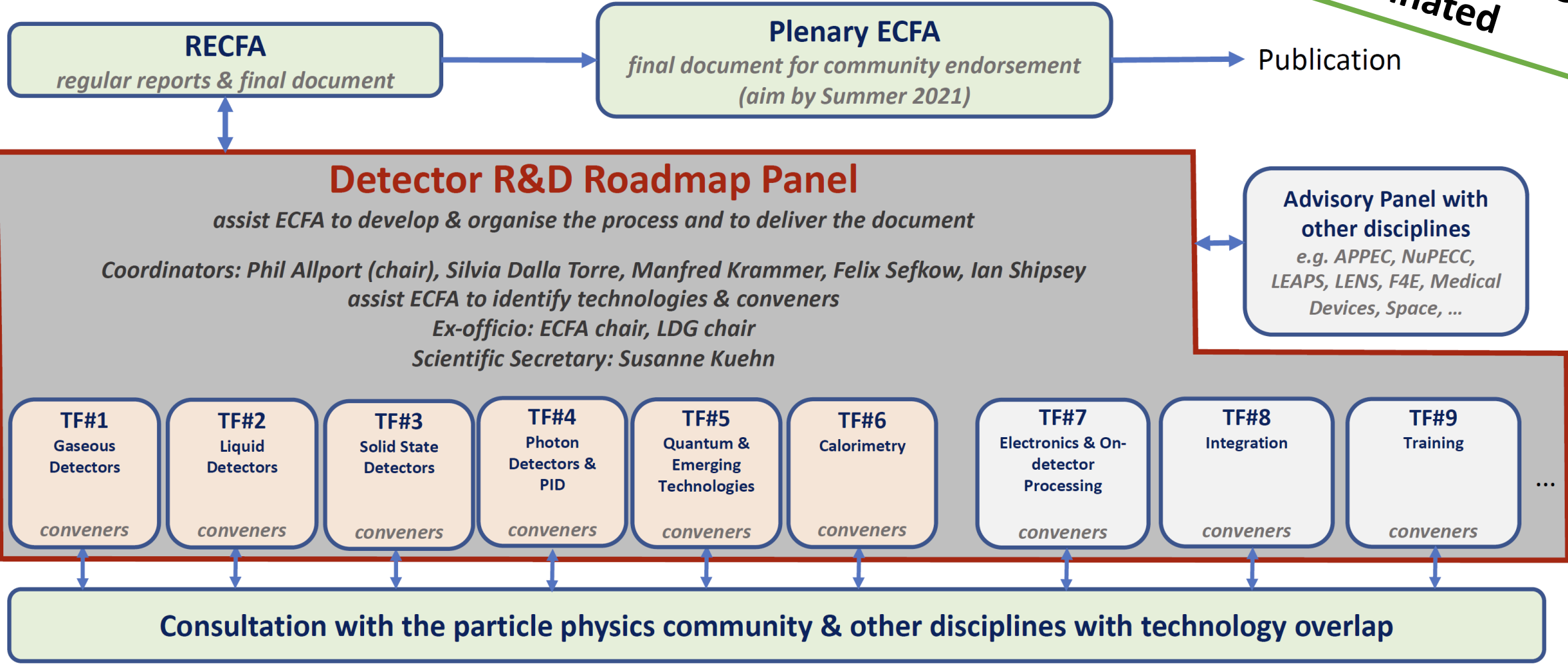


CH can nominate up to three members.

Expressions of interest to R.Wallny, M.Seidel before  $\approx$ Nov 10.

## Organization to structure the consultation with the

Three CH colleagues nominated



example Task Forces at this stage

## CALL FOR VENUES FOR THE JENAS 2021 EVENT

Following the successful first Joint APPEC-ECFA-NuPECC Seminar in Orsay (<https://jenas-2019.lal.in2p3.fr>), the chairs of APPEC, ECFA and NuPECC issue a call for venues for the second JENAS event to be organized in the autumn of 2021. The Joint Seminar is to inform our communities about each other's scientific, technological and organizational challenges and opportunities.

At this stage we launch an open call to receive proposals for venues for this 3-day meeting. **Proposals should be communicated to the three chairs of APPEC, ECFA & NuPECC, and reach us the latest on 21 September 2020.** Shortly after, the organising board of JENAS2019 will proceed to select the venue for JENAS2021 (<https://jenas-2019.lal.in2p3.fr/organisingboard/>).

A proposal should contain information about the venue, the available dates in October-November 2021, the plenary meeting room to host 300 participants, a few additional rooms with 20 to 40 seats, the initial composition of the local organizing team, options for accommodation and potential transport, and the initial estimate of the participation fee.





## Expressions-of-Interest (EoI) from JENAS

<http://nupecc.org/jenaa/>

Following JENAS 2019 and a call for EoIs in the communities, in total 5 themes have been selected to be strengthened through further synergies between APPEC, ECFA and NuPECC:

- **Machine-Learning Optimized Design of Experiments – MODE** (T. Dorigo et al.)
- **Initiative for Dark Matter in Europe and beyond: towards facilitating communication and result sharing in the Dark Matter community (iDMEu)** (G. Lanfranchi et al.)
- **Gravitational Wave Probes of Fundamental Physics** (T. Galatyuk, P. Pani et al.)
- **Nuclear Physics at the LHC** (L. Fabbietti, A. Kalweit et al.)
- **Storage Rings for the Search of Charged-Particle EDMs** (C. Carli, P. Lenisa, J. Pretz for the JEDI and CPEDM collaborations, M. Seidel for ECFA)

In general, these themes have been noted in the updated Strategy for particle physics. In dialogue with the proponents, we will explore how the three committees can strengthen them.

# New ECFA elected\* on Oct 9

## Karl Jakobs, University of Freiburg / Germany

03/17 – 02/21 2015	Spokesperson of the ATLAS Collaboration Stern-Gerlach Medal 2015 of the German Physical Society (DPG) “for significant contributions to the discovery of the Higgs boson”
Since 04/2003	Professor of Experimental Particle Physics, Uni Freiburg
1996 – 2003	Professor of Experimental Particle Physics, University of Mainz
1991 – 1996	Scientific Staff, <i>Max-Planck-Institut für Physik</i> in Munich
1988 – 1991	Fellow and staff member at CERN, UA2 experiment
06/1988	PhD/Physics, University of Heidelberg, UA2 experiment at CERN



\*web based opavote not flawless: mails in spam, non-trivial setup, 10USD fee per vote



**ECFA Newsletters #1 - #2 - #3 - #4 - #5**  
available on the ECFA website:  
<https://ecfa.web.cern.ch>





# Plenary ECFA meeting – 19-20 November 2020

## 19 Nov

### RECFA meeting – closed session

9:00-11:00 RECFA meeting

### PECFA meeting – open session

#### Standing items & progress on ILC and FCC

14:00-16:00 ECFA chair (incl result election) (35+10min)

CERN (20+10min)

DESY (15+5min)

NLF (15+5min)

16:00-16:30 *BREAK*

16:30-18:00 Mid-term Bulgaria (12+3min)

Mid-term Sweden (12+3min)

Status ILC (20+10min)

Status FCC (20+10min)

draft agenda

# Plenary ECFA meeting – 19-20 November 2020

## 20 Nov

### PECFA meeting – open session

#### Topical session

- |             |  |
|-------------|--|
| 9:00-10:00  | Detector R&D Roadmap (20+10min)<br>Accelerator R&D Roadmap (20+10min)  |
| 10:00-10:30 | <i>BREAK</i>   |
| 10:30-12:00 | <b>Session on <math>\gamma</math>-factory</b><br>Physics context and opportunities (20+10min)<br>Technical aspects, R&D and Proof-of-Principle (20+10min)<br>Applications at HL-LHC and elsewhere (20+10min) |
| 12:00-14:00 | <i>BREAK</i>   |
| 14:00-15:00 | Muon Collider Collaboration (20+10min)<br>EuPRAXIA (20+10min)  |
| 15:00-15:30 | <i>BREAK</i>   |
| 15:30-17:00 | Storage Rings for charged-particle EDMs (20+10min)<br>EU ESCAPE project (20+10min)<br>Snowmass process (20+10min)  |

*draft agenda*



## The schedule for ECFA in 2021 – *for endorsement*

Depends on the evolution of COVID across Europe. In consultation with the relevant RECFA delegates, the 2021 slots keep the initial sequence as planned in 2020

- March: France RECFA visit → 12-13 March
- April: Ukraine RECFA visit → 9-10 or 16-17 April
- May: Denmark RECFA visit → 28-29 May

July 24: remote EPS-HEPP conference (July 21-28): RECFA and PECFA meeting

October: Greece... or Serbia → Serbia, 8-9 October

October: ICFA Seminar at Berlin (*on invitation only*)

November 18-19: RECFA and PECFA at CERN → confirmed