

*Paris Sphicas
CERN & NKUA
PECFA Meeting
Frascati, July 4, 2024*

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RECFA Composition (I) – for endorsement



Many thanks to Patricia for her dedicated service to the community as ECFA Scientific Secretary (Jan 2021-Jul 2024)

Nomination for next ECFA Scientific Secretary (Jul 2024-Jun 2027):

**Lidija Zivkovic
University of Belgrade**



Long-time member of OPAL and D0 collaboration, currently on ATLAS and DUNE.

Several positions of responsibility: Higgs convener on D0, Trigger menu coordinator, Speakers Committee Chair on ATLAS.

Executive Board member of Institute of Physics Belgrade (IPB) (former), Balkan Physics Union and Serbian Physical Society. Head of the Laboratory of High energy Physics of IPB, coordinator of doctoral studies track "High Energy and Nuclear Physics", Physics Faculty, University of Belgrade.

RECFA composition – for endorsement

- ❑ **Two new appointments to RECFA**

- ❑ **Croatia:**
 - ❑ **Outgoing member: Mirko Planinic, Ruder Boskovic Institute.**
 - ❑ **New member: Dinko Ferencek, University of Zagreb**
 - ❑ **e-mail: Dinko.Ferencek@irb.hr**
 - ❑ **Appointment endorsed by RECFA in Lund meeting (May 17)**

- ❑ **Ukraine:**
 - ❑ **Prof. Mykola Shul'ga has deceased.**
 - ❑ **New member: DrSc Igor Kyryllin, Kharkov Institute of Physics and Technology**
 - ❑ **Appointment endorsed by RECFA in Frascati meeting (July 4)**
 - ❑ **e-mail: i.kyryllin@gmail.com**

ECFA Panels

ECFA Detector Panel (I)

□ Proposed changes:

New co-Chairs: Didier Contardo (IP2I Lyon) and Felix Sefkow (DESY)

outgoing co-Chair: Phil Allport (Birmingham)

New Scientific Secretary: Jens Dopke (RAL); outgoing: Doris Eckstein (DESY)

Deep thanks to Phil and Doris for many years of dedicated, hard and effective service:



Phil Allport
University of Birmingham
Co-chair, EDP



Doris Eckstein
DESY
Scientific Secretary, EDP

ECFA Detector Panel (II): ECFA co-chairs

Didier Contardo, continuing co-Chair; Jan 2023 – Dec 2025

CMS: Construction of tracker endcaps 2000-2008; First tracker DPG co-convenor to prepare the start of operation 2008-2010; co-chair, prompt feedback group with first data 2010.

- Phase-1 and Phase-2 upgrade co-coordinator; coordinator from 2012 to 2019. Co-organised three ECFA work-shops in preparation of the HL-LHC physics program (first with Phil -- ATLAS upgrade coordinator).

Recent & ECFA: Member of PECFA and ICFA IIDP since 2020. Co-chair of ECFA Detector Panel since Nov. 2022.

Contributed to Granada ECFA symposium and Physics Briefing Book for 2020 ESSP. Expert in TF3 (Solid State Detectors) for ECFA Detector Development Roadmap



Felix Sefkow, new co-Chair; Jul 2024 – Jun 2027

PhD 1990 in Hamburg with ARGUS

Postdoctoral and fellowship appointments at CERN, DESY and Zurich, Heavy flavour physics with ALEPH and H1

Since 2002: staff at DESY, focus on calorimeter development, since 2021 leader of group on technologies for future experiments

2008-2012 CALICE spokes, 2016-2022 coordinator of AIDA-2020 and AIDAinnova

Since 2017 co-coordinating scintillator part of CMS HGICAL upgrade

Since 2017 teaching at Heidelberg

In recent years: active in R&D roadmap and implementation core group



EDP membership (III): new members

Susanne
Kuehn



Susanne studied Physics at the University of Freiburg in Germany. In her PhD, she analyzed collision data of the ATLAS experiment. Postdoctoral studies and habilitation in Physics, investigating silicon detectors for High Energy Physics experiments.

As Staff member at CERN, working on the Silicon Pixel detector upgrade for ATLAS and coordinates several areas to build the detector for operation at the HL-LHC.

She is section leader of EP-ADE-TK and was involved in the ECFA Detector R&D Roadmap as scientific secretary. Additional interests are in R&D of semiconductor sensor materials for future experiments.

Jens
Dopke



Jens completed his undergraduate studies and PhD with the University of Wuppertal, Germany, commissioning the ATLAS Pixel detector at CERN in 2007-2009 and designing the IBL readout system. Subsequently: 3-year fellowship at CERN on design and production of new Services for the ATLAS Pixel Detector. 2014: moved to a staff position at STFC Rutherford Appleton Laboratory in the UK. Since then: working on the ATLAS ITk Strip Detector and CMOS detector developments.

Currently a senior staff member at the Lab, having just finished a 10-month interim position as Director of the STFC Particle Physics Department.

ECFA Detector Panel (IV): New Composition

- **Co-Chairs: Didier Contardo (IP2I Lyon) and Felix Sefkow (DESY)**
- Scientific Secretary: Jens Dopke (RAL)**
 - **Gaseous Detectors: Silvia Dalla Torre (Trieste)**
 - **Liquid Detectors: Inés Gil Botella (CIEMAT, Madrid)**
 - **Solid State Detectors: Susanne Kuehn (CERN) – outgoing: Doris Eckstein (DESY)**
 - **PID & Photon Detectors: Roger Forty (CERN)**
 - **Quantum and em Tech: Steven Hoekstra (Groningen)**
 - **Calorimetry: Laurent Serin (IJCLab)**
 - **Electronics: Valerio Re (Bergamo)**
 - **New member (with expertise in DRD8, and not only): Jens Dopke (RAL)**
 - **Ex Officio:**
 - **Thomas Bergauer (DRDC)**
 - **Paris Sphicas (ECFA Chair)**
 - **Ian Shipsey (ICFA Detector Panel)**
 - **Observer:**
 - **Aldo Ianni (APPEC, LNGS), Eugenio Nappi (NuPECC, Bari)**

For endorsement by Plenary ECFA

ECFA Detector Panel (V): role in the DRD era

- **DRD projects (large majority) up and running → see talk by Inés Gil-Botella**
 - In general, the baton is now with the DRDs and the DRDC. ECFA should help and support this, but should no longer “drive” the process.
- **Role of ECFA Detector Panel in the post-DRD/DRDC creation era?**
 - Provide synchronization/intercommunication between the DRD projects
 - To identify/prevent/optimize dupli/tripli/cation of effort on common issues
 - To identify issues that (may) fall through the cracks between DRD projects
 - Work with EDP national contact for each country. The national contacts communicate with the Funding Agencies, providing a single point of contact
- **Updated EDP mandate:**
 - to provide direct input on DRD proposals, through the appointment of members to the DRDC, ✓
 - to assist, particularly via topic-specific expert members, in the conduct of annual DRDC reviews, ✓
 - to monitor the overall implementation of the ECFA detector roadmap, ✓ (ongoing)
 - to follow up targets and achievements in the light of evolving specifications from experiment concept groups, as well as proto-collaborations for future facilities ✓ (ongoing)
 - to help plan for future updates to the Detector R&D Roadmap. (starting)

ECFA Detector Panel (VI): DRD Managers' Forum

- **The DRD Managers' Forum; charge can be found [here](#).**
 - Place to synchronize between DRD projects in ways beyond what the standard DRDC process enables. Examples:
 - Discussion of desiderata for MoUs
 - Discussion of interplay between AIDAnova proposal to EU and the DRDs (fear that they might be seen as competitive to each other)
 - A meeting on this issue was held on April 29, 2024.
 - Consists of two representatives per DRD project; composition on July 4, 2024:

DRD1	Eraldo Oliveri	Maxim Titov
DRD2	Roxanne Guenette	Giuliana Fiorillo
DRD3	Gregor Kramberger	Giulio Pellegrini
DRD4	Massimiliano Fiorini	Guy Wilkinson
DRD5	Marcel Demarteau	Michael Doser
DRD6	Roman Poeschl	Roberto Ferrari
DRD7	Fracois Vasey	Frank Simon
DRD8	Burkhard Schmidt	Andreas Mussgiller

DRD Manager's Forum: description/charge (I)

□ **Preamble:**

The DRD Collaborations Managers Forum (DCMF) is an informal body (in the sense of not being a committee of either CERN or ECFA) set up by the ECFA Detector Panel (EDP) at the request of the DRD Collaboration managements to **provide a forum for communications and discussions of common issues among DRD Collaborations.**

It also provides a useful **two-way interface with the EDP and, through the EDP, with other ECFA panels and related committees.**

It is **not intended to provide a formal conduit between the DRD Collaborations and CERN management** as this is addressed through the Open and Closed meetings of the Detector R&D Committee (DRDC).

DRD Manager's Forum: description/charge (II)

□ **Membership:**

- To keep meetings manageable, each DRD Collaboration appoints two representatives, e.g. the spokespersons, as regular members of the DRD Manager's Forum. The Collaborations may also nominate substitute members when the appointed representatives are unable to attend a given meeting.
- Meetings of the Forum are called and chaired by the EDP Chairs in consultation with the representatives of the DRD Collaborations.
- The EDP Scientific Secretary will organise the meetings, set the agenda along with the EDP Chairs, find the most appropriate date and take minutes of the discussions.
- The members of the EDP will normally attend the Forum meetings with roles as discussed below.
- The Chairs of ECFA and the DRDC are ex-officio members of the Forum and are invited to the meetings.
- Further invitations to attend specific meetings can be extended if discussed and agreed by the Forum.

DRD Manager's Forum: description/charge (III)

□ **Role/function of the Forum:**

- **To facilitate discussions on interfacial topics between DRD projects, to identify issues of common concern and to resolve areas of overlapping activities between more than one DRD project.**
- **Provide a mechanism for the DRD Collaborations to interact directly with the ECFA Chair and, through them, to RECFA/PECFA and the national DRD contacts identified by ECFA at <https://indico.cern.ch/event/957057/page/31797-national-contacts-ecfa>. It also provides an interface through the EDP to APPEC, NuPECC and ICFA IIDP . These interactions can be extended at the request of the DRD Collaborations to other bodies, institutions or independent R&D programmes.**
- **Provide an informal framework for common discussions with the DRDC Chair.**
- **Assist the EDP with formulating its inputs to the next update of the ESPP on behalf of the instrumentation community. Help the EDP develop and organise future revisions to the ECFA Detector R&D Roadmap.**
- **Enable the EDP, whose members have the role of interfacing directly with representatives of upcoming facilities/experiments, proto-collaborations and concept groups for updating the requirements documented in the ECFA Detector R&D Roadmap, to provide advice to the DRD Collaborations, suggesting potential adjustments in their programmes and drawing attention to apparent omissions.**

ECFA Detector Panel (VII): other issues/work

- **The rest of the Detector R&D Roadmap:**
 - **Address remaining General Strategic Recommendations (GSRs):**
 - GSR1 - Supporting R&D facilities**
 - GSR2 - Engineering support for detector R&D**
 - GSR3 - Specific software for instrumentation**
 - GSR4 - International coordination and organisation of R&D activities**
 - GSR5 - Distributed R&D activities with centralised facilities**
 - GSR6 - Establish long-term strategic funding programmes**
 - GSR7 - Blue-sky R&D**
 - GSR 8 - Attract, nurture, recognise and sustain the careers of R&D experts**
 - **ECFA Training Panel**
 - GSR 9 - Industrial partnerships**
 - GSR 10 - Open Science**
 - **ECFA-LDG Working group for remaining GSRs – S. Bentvelsen (Nikhef) & M.Mikuz (Ljubljana).**
 - **Report at this PECFA meeting in Frascati (July 2024).**
 - **In addition: GSR5 needs to be addressed (DRD7 and LDG are working on a first proposal)**

ECFA Panels: Higgs-EWK-Top (HET) Factory Study (I)

- **Web page:** <https://ecfa.web.cern.ch/ecfa-study-higgs-ew-top-factories>
- **Reminder of charge:**
 - Based on the recommendations of the [ESPP Update], ECFA is organising a series of workshops on physics studies, experiment design and detector technologies towards a future electron-positron Higgs/EW/Top factory.
The aim is to bring together the efforts of various e^+e^- projects, to share challenges and expertise, to explore synergies and to respond coherently to this high-priority strategy item.
 - **Goal:** update contribution sent to Snowmass exercise and write up in an ECFA Report (White Paper or CERN Yellow Report) by Dec 2025.
 - **Editors:** A. Robson and C. Leonidopoulos
 - **New plan, given ESPP timescale:**
 - Finalize the work until ~end 2024; compiling Report: Oct 2024-Jan 2025.
 - Submit ECFA HET Factory Report to ESPP update process: end March 2025
- **Working Groups:**
 - **WG 1, Physics Potential:** Jorge de Blas (Univ. Granada), Patrick Koppenburg (Nikhef), Jenny List (DESY) and Fabio Maltoni (UC Louvain / Bologna)
 - **WG 2, Physics Analysis Methods:** Patrizia Azzi (INFN-Padova / CERN), Fulvio Piccinini (INFN Pavia) and Dirk Zerwas (IJCLab/DMLab)
 - **WG 3: Detector R&D:** Mary Cruz Fouz (CIEMAT Madrid), Giovanni Marchiori (APC Paris) and Felix Sefkow (DESY)

ECFA Panels: HET Factory Study (II)

□ HET factory IAC:

- ECFA-chair acts as IAC chair: PS. Also Scientific Secretary: Patricia Conde Muino.
- From RECFA: **Jean-Claude Brient, Tadeusz Lesiak, Chiara Meroni**
- **New RECFA reps: Arnaud Ferrari, Eilam Gross, Celso Martinez Rivero.**
- With (HL-)LHC experience: Jorgen D'Hondt, Max Klein, Aleandro Nisati, Roberto Tenchini
o For theory: Christophe Grojean, Andrea Wulzer
- For Linear Colliders: Steinar Stapnes, Juan Fuster, Frank Simon, Aidan Robson
- For Circular Colliders: Mogens Dam, Patrick Janot, Christos Leonidopoulos, Guy Wilkinson
- For CERN: Joachim Mnich

□ HET Factory Workshops:

- First two workshops on ee HET Factories: 2022 @ DESY (GE) & 2023 @ Paestum (IT).
- Third (and last) ECFA Workshop on e+e- HET Factories: 2024 @ Paris (FR).
 - **Wed-Fri, 9-11 Oct, 2024. (Finishing at 16:00 on Friday to facilitate travel.)**
- This will be the ***last meeting of the HET Factory study prior to the submission of its input to the EUSPP (March 31, 2025)***

ECFA Panels: HET Factory Study (III)

□ HET Factory study; focus topics in [ArXiv report](#).

- 1 **HtoSS** — $e^+e^- \rightarrow Zh: h \rightarrow s\bar{s}$ ($\sqrt{s} = 240/250$ GeV)
- 2 **ZHang** — Zh angular distributions and CP studies
- 3 **Hself** — Determination of the Higgs self-coupling
- 4 **Wmass** — Mass and width of the W boson from the pair-production threshold cross section lineshape and from decay kinematics
- 5 **WWdiff** — Full studies of WW and $e\nu W$
- 6 **TTthres** — Top threshold: Detector-level simulation studies of $e^+e^- \rightarrow t\bar{t}$ and threshold scan optimisation
- 7 **LUMI** — Precision luminosity measurement
- 8 **EXscalar** — New exotic scalars
- 9 **LLPs** — Long-lived particles
- 10 **EXtt** — Exotic top decays
- 11 **CKMWW** — CKM matrix elements from W decays
- 12 **BKtautau** — $B^0 \rightarrow K^{*0}\tau^+\tau^-$
- 13 **TwoF** — EW precision: 2-fermion final states ($\sqrt{s} = M_Z$ and beyond)
- 14 **BCfrag** and **Gsplit** — Heavy quark fragmentation and hadronisation, gluon splitting and quark-gluon separation

Please advertise these topics and encourage colleagues, especially ECRs to join the effort!

ECFA HET Workshop, Oct 9-11, 2024 (Paris, France)

- **Workshop format:**
 - Plenaries 09:00-10:30 and 16:45-18:15 (3 hrs)
 - Parallels 11:00-13:00 and 14:15-16:15
 - Last day: all plenary
- **Registrations and submissions of abstracts are open:**
 - Deadline for the submission of abstracts: July 15th;
 - **submission of posters: September 30th.**
 - Deadline for early registration: July 31st (300 €)
 - Students, as well as postdocs presenting a poster, will benefit from a reduced registration fee (200 €)
 - Late registration (Payment in Aug or Sep): 400 €
 - Very late registrants (Payment in October) may not have a guaranteed seat at the banquet.
- **Please register and contribute to this important HET factory study!**

3rd ECFA workshop on e⁺e⁻ Higgs, Top & ElectroWeak Factories
9-11 October 2024
Sorbonne Université, Campus des Cordeliers, Paris

International Advisory Committee

- Franco Conde Muino (CERN)
- Eike Condeelis (MCP)
- Magnus Dorn (Copenhagen NBI)
- Anand Ferrel (Saclay)
- Jean Fisher (Palaiseau)
- Glenn Gouni (UCL)
- Jürgen G. Körber (VUB Brussels)
- Christophe Pascaud (CEIS)
- Frank Seyditz (CEIS)
- Maxime Diehl (Liverpool)
- Christos Leontopoulos (Edinburgh)
- Carlos Martínez Rivera (Madrid)
- Andrew Ross (CEIS)
- Rosalba Nicolai (OGMIE I)
- Adina Roban (Glasgow)
- Frank Simon (KIT)
- Peter Späth (Aachen, CEIS, Chalmers)
- Shrawan Sharma (CEIS)
- Roberto Terza (Palaiseau)
- Guy Wilkinson (Oxford)
- Andrea Wulz (Louvain)

Local Organizing Committee

- Engelen Bernard (CMS, INFN, Chalmers)
- Catherine Bricard (JYU Toulouse)
- Gaëlle Boudoul (IFJ Lyon, ACP)
- Vincent Boudry (ILR Philadelphia)
- Paul Colas (IFJ, ESS, Scotland)
- Maria Dolores (LAPP Annecy)
- Jean-Baptiste De Witte (IPSC Geneva)
- Frank Damm (CPM Karlsruhe)
- David H. Boal (IFJ, Strasbourg)
- Giovanni Giacconi (APC Paris, ex-Chalmers)
- Stéphane Morand (IFJ, Clermont-Ferrand)
- Nicolas Mounier (CEIS, Orsay, ex-Chalmers)
- Luc Poggiani (IPHE Paris)
- Suzanne Gordon-Sekula (IFJ Lyon)
- Maxime Thuillier (IFJ, CEIS, Saclay)

<https://indico.in2p3.fr/e/ecfa2024>

**Next update of the ESPP
(European Strategy for Particle Physics)**

ESPP (I): approved timeline

- **In March 2024 CERN Council launched the new ESPP process, with a deadline for the submission of contributions of March 31st, 2025.**
 - There is a dedicated presentation on the ESPP by Karl Jakobs on Fri July 5th. Here, cover only information that related to some ECFA-specific issues
- **Three bodies in the ESPP**
 - "Secretariat": secretary (chair of secretariat), CERN SPC chair, ECFA chair, LDG chair
 - **Karl Jakobs (Univ. Freiburg) was elected by Council as Secretary of the ESG**
 - European Strategy Group (ESG): secretariat (secretary chairs ESG); One rep per CERN member state; One rep per lab in LDG; CERN DG, CERN DG-elect.
 - **Invitees: PPG, President of Council, 1 rep from each Associate Member State and Observer State, 1 rep from EC; chairs of ApPEC, NuPECC, ESFRI**
- **Physics Preparatory Group (PPG): total of 19 people.**
 - **Secretary (chair); ECFA, LDG, SPC chairs.**
 - **To be appointed by Council in Sep:**
 - **4 members nominated by SPC (SPC chair)**
 - **4 members nominated by ECFA (ECFA chair)**
 - **To be endorsed by Council in Sep:**
 - **2 members from the Americas (nominated by corresponding ICFA members)**
 - **2 members from Asia (nominated by corresponding ICFA members);**
 - **1 member from CERN.**
 - **PPG to be formally put in place: Council Week in September (23-27)**

ESPP (II): PPG membership (last update, 2020)

- **Strategy secretariat**
 - Halina Abramowicz (Israel) Scientific Secretary, Chair
 - Keith Ellis (United Kingdom) SPC Chair
 - Jorgen D'Hondt (Belgium) ECFA Chair
 - Lenny Rivkin (Switzerland) Chair EU Lab. Directors' Mtg
- **Scientific Policy Committee (SPC)**
 - Caterina Biscari (Spain)
 - Belen Gavela (Spain)
 - Beate Heinemann (Germany)
 - Krzysztof Redlich (Poland)
- **ECFA:**
 - Stan Bentvelsen (Netherlands)
 - Paris Sphicas (Greece)
 - Marco Zito (France)
 - Antonio Zoccoli (Italy)
- **CERN**
 - Gian Giudice
- **ASIA/AMERICAS**
 - Professor Shoji Asai (Japan)
 - Professor Marcela Carena (US)
 - Professor Xinchou Lou (China)
 - Professor Brigitte Vachon (Canada)

Membership in the PPG was a lot of work. Nominees should (really) be willing to invest heavily in the process.

2020 EUSPP process: 8 physics groups:

Electroweak Physics:

Richard Keith Ellis, Beate Heinemann

Strong Interactions:

Jorgen D'Hondt, Krzysztof Redlich

Flavour Physics:

Belen Gavela, Antonio Zoccoli

Dark Matter:

Neutrino Physics & Cosmic Messengers:

Stan Bentvelsen, Marco Zito

Beyond the Standard Model:

Gian Giudice, Paris Sphicas

Accelerator Science and Technology:

Caterina Biscari, Leonid Rivkin

Instrumentation and Computing:

Xinchou Lou, Brigitte Vachon

ESPP (III): ECFA nominations for PPG

- **Call for nominations sent to PECFA on May 22nd, 2024.**
 - Deadline for submission of nominations: July 1st, 2024.
 - Received nominations from 9 countries and the ECR panel.
 - **A total of 42 people were nominated**

- **Plan for selection of final list of four ECFA nominees to PPG (for approval):**
 - Discuss nominations received (profiles of nominees: expertise, other workload, etc) with RECFA members and consult widely.
 - **PECFA members are encouraged to contact me.**
 - Form short list (~8-10 people)
 - Discuss short list with SPC chair, ESG secretary and CERN.
 - Possibly, also with the ICFA representatives of the Americas and Asia.
 - **To ensure broad coverage of thematic areas, geographic representation, etc**
 - Converge on final list of nominees (4 from ECFA, 4 from SPC)
 - Present nominees to RECFA, and endorsement at a special RECFA meeting near the end of August.
 - Send ECFA nominations to Council on Aug 31st.

ESPP (IV): National Inputs and the role of ECFA

- **There will be a dedicated talk on this topic on Friday July 5th**

- **As a preamble:**
 - **There are three important dates in the ESPP:**
 - **Symposium: end June 2025**
 - **Briefing Book: Sep 2025**
 - **Drafting session: Dec 2025**
 - **The current charge (“remit”) to the ESG specifies that “The ESG should take into consideration” several inputs. Foremost:**
 - **The input of the particle physics community;**
 - **More details on the Remit in K. Jakob’s talk on Friday**
 - **A major component of this overall input are the national inputs, which will be collected individually by each country (and in some cases by regions).**
 - **In this context, the information collected from the different countries will be most useful in informing the ESPP process if it is as coherent and as uniform as possible, when addressing the key issues.**
 - **ECFA can and should play a role in assisting with this with a set of guidelines for the collection of the national inputs.**
 - **Specific proposal for ECFA guidelines to be discussed on Friday July 5th.**

JENAA
(Joint ECFA, NUPECC, APPEC Activities)

JENAA: Computing Initiative (I)

- **First discussed at JENA Symposium in May 2022 (Madrid)**
 - Plenary presentations and the closed session of funding agency representatives:
 - **Increased need for discussions on the strategy and implementation of European federated computing at future large-scale research facilities.**
 - ECFA-NUPECC-APPEC requirements and plans quite different, but still with significant overlaps....
 - For all three research areas, issues of scaling will be the challenge of the next decade.
 - Within JENA, synergies and commonalities will be of utmost importance in this scaling.

- **JENA Computing Workshop**
 - First JENA Computing Workshop: held on June 12 - 14, 2023, in Bologna.
 - As presented in Jan, following Bologna workshop, continued discussions led to Executive Summary and formation of five Working Groups.

JENAA: Computing Initiative (II)

- ❑ **Five (5) Working groups, with 2/3 conveners each (from different areas)**
 - ❑ **HTC and HPC (HPC): [WG1 web page](#).**
 - ❑ **Conveners: Gonzalo Merino (PIC, ES); Concezio Bozzi (Ferrara, IT)**
 - ❑ **Software and Heterogeneous Architectures (Software): [WG2 web page](#).**
 - ❑ **Conveners: Graeme Stewart (CERN) – ECFA; Adrien Matta (LPC Caen) – NUPECC; Paul Laycock (UniGe) – APPEC.**
 - ❑ **Federate Data Management, Virtual Research Environments and FAIR/Open Data (Data): [WG3 web page](#).**
 - ❑ **ECFA convener: Ian Bird (CERN)**
 - ❑ **Machine Learning and Artificial Intelligence (AI): [WG4 web page](#).**
 - ❑ **ECFA convener: Sascha Caron (NIKHEF); Andreas Ipp (TU, Vienna)**
 - ❑ **Training, Dissemination, Education (TDE): [WG5 web page](#).**
 - ❑ **ECFA convener: Stefan Roiser (CERN).**

JENAA

□ JENAS (JENA Symposium) 2025:

- This will be the third JENA Symposium; first one was held in Orsay (FR), second one in Madrid (ES)
- Call for proposals for hosting the third Symposium in Spring 2025 (Mar-Apr-May) was sent out end Jan.
 - We received two proposals from RAL (UK) and Nantes (FR).
- Following RECFA recommendation and discussion with NuPECC and APPEC Chairs: the next JENAS (2025) will be held at RAL in April 2025
 - Afternoon of April 8 to noon on April 11, 2025.
- Local Organizing Committee:
 - Professor Jocelyn Monroe, Dr. Jens Dopke (PP)
 - Professor Rachel Gray, Professor Paula Chadwick (Astro)
 - Professor Rolf-Dietmar Herzberg, Professor David Ireland (Nuclear)

□ JENA Diversity Panel:

- Current members from ECFA: Patricia Conde-Muino and Nadia Pastrone
 - Nadia P has already stepped down; Patricia C-M also wishes to step down
 - New members: Panja Luuka and Erkan Ozcan

**RECFA Country visits
RECFA/PECFA meetings**

RECFA and PECFA meetings in 2024 and 2025

- ❑ **RECFA synchronization meeting: Jan 30, 2024**
- ❑ **RECFA country visits in 2024:**
 - ❑ Switzerland (PSI): March 7-8
 - ❑ Sweden (Lund): May 15-16
 - ❑ UK (London): Sep 13-14
 - ❑ Serbia (Belgrade): Nov 29-30
- ❑ **RECFA country visits in 2025:**
 - ❑ Bulgaria (Sofia): Mar 8-9, 2025
 - ❑ Finland (Helsinki): May 30-31, 2025
 - ❑ Belgium (Brussels): Sep 12-13, 2025
 - ❑ Turkey (TBC): ~Nov 2025 (TBC)
- ❑ **PECFA meetings in 2024:**
 - ❑ Frascati: Jul 4-5, 2024.
 - ❑ CERN: Nov 14-15, 2024.
 - ❑ Reports from HET Workshop; EDP; ESPP update (PPG appointments etc)
- ❑ **PECFA meetings in 2025:**
 - ❑ EPS HEP Conference: Jul 7-11, 2025
 - ❑ CERN: Nov 13-14, 2025

Other ECFA issues

A budget for ECFA (?)

- **At the March 2024 (PSI) RECFA meeting we confirmed that all country reps are in favor of setting up a small RECFA fund to be used for:**
 - **Co-financing Graduate students (Master and PhD students) for participation in future collider meetings and work**
 - **ECFA prizes in (future) instrumentation and (future) performance studies?**
- **And we approved proceeding with the next step.**
- **Meetings with CERN Legal and Finance services (25 Apr 2024)**
 - **Situation not completely straightforward. No major issues in receiving the funds. But some issues in dispensing the funds. Some highlights:**
 - **ECFA is not a CERN committee**
 - **The PhD students to support may not be CERN users (?); issue of payment...**
 - **The prize winners may not be CERN users (?); issue of payment...**
 - **Current status:**
 - **“...exploring to what extent the mechanism used by IPPOG could be replicated for ECFA. Our consultations are ongoing, thank you for your patience and understanding.”**

ECFA web site

- ❑ **Looking into potential upgrade**
- ❑ **A somewhat mundane issue – which in the current world may not be so insignificant:**
 - ❑ **Our logo leaves much to be desired...**

ECFA

European Committee for Future Accelerators



- ❑ **Seeking volunteers with artistic tendencies willing to work on improving it**
- ❑ **Also seeking volunteers to work on our Web Page(s)/documentation**
 - ❑ **Some excellent examples out there**