

# Working Group 3

Relations with external bodies, in particular EU-related issues

Status report by  
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11-12-12

# Members

## Member State Delegates:

Barbro Åsman*	SE
Jiri Chyla	CZ
Paula Eerola	FI
Petros Rapidis	GR
Ladislav Sandor	SK
Jonathan Butterworth	UK

## Associate States

Eliezer Rabinovici	IL
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## Directors of National Laboratories

Lucia Votano	LNGS
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## Observers

Rita Lecbychova	EU
Stavros Katsanevas	ApPEC
Svetlomir Stavrev	CERN

# Meetings

**12-07-12** at CERN + really bad EVO  
4 people+ 3 unhappy people

**05-09-12** phone meeting  
5 people

**11-09-12** Kracow  
9 people

**05-11-12** CERN + Phone  
4 + 3 People

**04-12-12** Phone meeting

# **Organizations Relevant for European Elementary Particle Physics**

## **1. Introduction**

## **2. European Organizations**

**2.1 Organizations directly involving particle physics**

**2.2 Organizations in neighbouring fields**

**2.3 European Union**

## **3. Global organizations**

**3.1 Organizations in particle physics**

**3.2 Organization in astroparticle physics**

**3.3 Organization for Economic Co-operation and Development**

**3.4 Issues to discuss on global coordination**

## **Appendices**

# European Organizations Directly involving Particle Physics

1. SPC Scientific Policy Committee
2. ECFA/ICFA European/International Committee for Future Accelerators
3. EPS-HEPP The High Energy Particle Physics Board of the European Physical Society
4. ESGARD The European Steering Group for Accelerator R&D
5. EIROforum European Intergovernmental Research Organizations

## European Organizations in neighbouring fields

1. ESO European Southern Observatory
2. ESA European Space Agency
3. ApPEC Astroparticle Physics European Coordination
4. NUPEC Nuclear Physics European Collaboration Committee
5. Issues of coordination with neighbouring fields

# Issues Concerning Other Organizations

## General Policy Issues:

- cross-representation and consultancy, e.g. exchange of observers in high level governance bodies and experts in committees defining strategy;
- cross-references in strategic documents (roadmaps, long range plans);
- formal documents of agreement
- eventual re-discussion of the CERN Scientific Enlargement issues;

## Thematic Cooperation Areas,

- common R&D calls and more common participation in EU calls ;
- a common theory program (where appropriate);
- common strategy in computing and data access policies
- common technology transfer and outreach activities;
- CERN participation in and support for future projects and/or infrastructures beyond its current accelerator program.

# European Union

1. European Research Area, ERA
2. Relations between CERN and the European Commission
3. European Strategy Forum on Research Infrastructures ESFRI
4. European Union funding (H2020)
5. Issues of coordination with EU policies and instruments

# ERA

In its ERA Communication published on 17 July 2012, the European Commission has proposed to initiate actions on the following priorities:

- More effective research systems
- Optimal transnational co-operation and competition
- An open labour market for researchers by removing barriers to researcher mobility, training and attractive careers
- Gender equality and mainstreaming in research
- Optimal circulation and transfer of scientific knowledge



# EU related Issues

- **ESFRI**

- **ERC**

- **Research Networks**

# Global Organizations

1. IUPAP/C11 The International Union of Pure and Applied Physics and the Particle Physics Commission
2. ICFA International Committee for Future Accelerators
3. FALC Funding Agencies for Large Colliders
  
4. APIF Global Organization in Astroparticle Physics
  
5. OECD/GSF Organization for Economic Co-operation and Development  
Global Science Forum
  
6. Issues to discuss on global coordination

# Issues to discuss on global coordination

- **What is the relationship between and role of ICFA and FALC in determining priorities in particle physics?**
- **How does this relate to APIF?**
- **In many countries, the same funding bodies deal with astronomy projects (ESO/ELT, SKA). Is there any strategic coordination in terms of geographical distribution of projects?**
- **Beyond these areas, where do such discussions take place? Does the OECD have a role?**

# Appendicis

- I Working group 3 composition**
- II A case study, links between CERN and ApPEC**
- III Introduction to the European Union (EU)**
- IV Relevant actions identified in the ERA Communication**
- V Horizon 2020 in a nutshell**