

# ECFA / RECFA Update

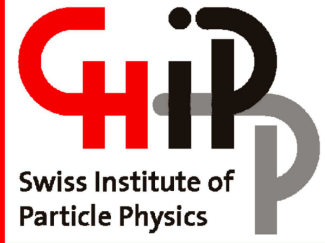
**Lenny Rivkin**

**CHIPP Board Meeting**

**23 October, 2015, Bern**

## Country visit Switzerland

- **ETHZ**                      **1 April, 2016**  
    **State Secretary DellAmbrogio will attend**
- EPFL                        6 March, 2009
- Uni Zürich                1 March, 2002
- Bern                        3 March, 1995
- SIN, Zürich              13 February, 1986
- Geneva                    4 July, 1979



94<sup>th</sup> Plenary ECFA  
CERN  
Nov 21-22, 2013

# Midterm Status Report Confederatio Helvetica

**Olaf Steinkamp**



Universität  
Zürich<sup>UZH</sup>

# ECFA European Committee for Future Accelerators

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Open session - EPFL Switzerland  
**EPFL, Lausanne** ( BSP (Cubotron-UNIL) room 231 ) Friday, 6 March 2009 - 09:30

*Description:*

Open session of R-ECFA meeting in Switzerland, 6 March 2009

*Friday, 6 March 2009*

Documents

- |       |   |                        |
|-------|---|------------------------|
| 09:30 | Opening (T. Nakada, EPFL)   |                        |
| 1.    |   |                        |
| 09:35 | Welcome (B. Deveaud-Pledran, Dean of Research, EPFL)  | <a href="#">Slides</a> |
| 2.    |   |                        |
| 09:45 | Swiss Particle Physics Support (M. Dell'Ambrogio, State Secretary for Research and Education) |                        |
| 3.    |   |                        |
| 10:05 | CHIPP and Swiss Particle Physics (U. Straumann, CHPP EB Chair, Zürich)                        | <a href="#">Slides</a> |
| 4.    |   |                        |
| 10:35 | Swiss experiments at high energy frontier (O. Schneider, EPFL)                                | <a href="#">Slides</a> |
| 5.    |   |                        |
|       | --- coffee break (25 minutes) ---   |                        |
| 11:30 | Swiss experiments at neutrino frontier (A. Ereditato, Bern)                                   | <a href="#">Slides</a> |



# ECFA European Committee for Future Accelerators

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12:00 7.	Swiss astroparticle experiments (T.J.L. Courvoisier, Geneva)	<a href="#">Slides</a>
--- lunch (1 hour) ---		
13:30 8.	Swiss theory activities (G. Colangelo, Bern)	<a href="#">Slides</a>
14:00 9.	PSI and accelerator research (L. Rivkin, PSI/EPFL)	<a href="#">Slides</a>
14:30 10.	R&D and technology transfer (tbc)	<a href="#">Slides</a>
--- coffee break (25 minutes) ---		
15:25 11.	Higher education (M. Pohl, Geneva)	<a href="#">Slides</a>
15:45 12.	Outreach (G. Dissertori, CHIPP Outreach Coordinator, ETHZ)	<a href="#">Slides</a>
16:05 13.	CH GRID activities (C. Grab, ETHZ)	<a href="#">Slides</a>
16:25 14.	PhD student point of view (Angela Buechler, Zürich)	<a href="#">Slides</a>
--- Closed session till 17:15 ---		
17:30	Feedback to the Swiss Community	



## **Plenary ECFA November 19/20**

### **Thursday, 19/11**

14:00 Approval of the Draft Agenda

14:02 Approval of the Draft Minutes of the 96<sup>th</sup> Plenary ECFA

14:05 Endorsements and Welcome --- New Members

14:10 Chair Report --- Halina Abramowicz

14:30 CERN Report --- Rolf Heuer

14:50 DESY Report --- Ties Behnke

15:10 Frascati Report --- Pierluigi Campana (director since August 1st)

15:30 IPPOG Report --- Hans Peter Beck

### **15:50 Coffee break**

16:20 Mid-term Report from Spain - Carlos Lacasta Llacer

16:40 Mid-term Report from Rumania - Calin Alexa

17:00 Physics highlights of future ep/eA colliders - Stefano Forte (Milano)

17:30 Physics highlights of future pp colliders - Michelangelo Mangano (CERN)

18:00 Physics highlights of future ee colliders - Christophe Grojean (DESY)

18:30 Physics highlights of a future mumu collider - Mario Greco (Rome)

### **19:15 Cocktail Dinner**



## Plenary ECFA November 19/20

### Friday, 20/11

9:00 ECFA linear collider physics and detector study --- Juan Fuster

9:40 Status of neutrino studies in Europe --- neutrino platform --- Sergio Bertolucci

10:20 CALICE --- progress report – Frank Simon

### **11:00 Coffee break**

11:30 Applications of Particle Accelerators --- Suzie Sheehy (STFC Rutherford Appleton Lab.)

12:10 Dark matter searches --- Gianfranco Bertone (University of Amsterdam)

12:50 Closing

### **13:00 Lunch**

## Recent ICFA activities

- Support for new IUPAP Commission (or Working Group) on accelerator science with existing ICFA panels as bridge to the new group
- Proposal for a new ICFA Panel on Sustainable Accelerators and Colliders –  
the goal is to improve the power efficiency of accelerator components, mandate and membership to be discussed at the next meeting
- Instrumentation Innovation and Development – next instrumentation school EDIT (including accelerator physics), Frascati, October 2015
- Advanced and Novel Accelerators – major focus on wakefield acceleration



## High energy frontier: ILC, CLIC, CEPC FCC, muon collider

### Summary of the International Linear Collider (ILC)

#### Advisory Panel (of MEXT) Discussions to Date

- Requirement to share costs internationally
- Need clear vision on the discovery potential for new particles
- Need to monitor closely LHC Run II data
- Need to mitigate project cost risks
- Need to have public and science community understanding of  
the project





# FCC Week 2016

Rome, 11-15 April 2016



**SAPIENZA**  
UNIVERSITÀ DI ROMA



**Istituto Nazionale di Fisica Nucleare**  
Sezione di Roma



**Istituto Nazionale  
di Fisica Nucleare**  
Laboratori Nazionali di Frascati

