

New PECFA Members

Endorse and Welcome new PECFA member:

- **Lund-Jensen Bengt** replaces Carlos de los Heros as PECFA member of Sweden
- **Anne-Isabelle Etievre, Djamel Boumediene, Jean-Sebastien Real** replacing Ursula Bassler, François Vazeille, Arnaud Lucotte as PECFA member of France
- **Valeria Muccifora, Antonio Davide Polosa, Paola Giannetti, Nadia Pastrone, Pierluigi Paolucci, Diego Bettoni**
replacing C. Bloise, V. Del Duca, M. Dell'Orso, M. Diemoz, L. Merola, V. Vercesi as PECFA members of Italy
- **JoAnne Hewett** of SLAC will succeed Ritchie Patterson as the US Community Representative on PECFA

New RECFA Members

Endorsement of new RECFA member:

- **Stewart Boogert** is replacing Ken Long as representative of UK in RECFA as of January 1, 2015
- **Tadeusz Lesiak** as representative of Poland replacing Alexander Filip Zarnecki as of January 1, 2015
- **Stan Bentvelsen** as representative of Netherland replacing Frank Linde as of January 1, 2015

Report from the chairman

M. Krammer

HEPHY, Vienna, Austria

Report news since last PECFA meeting (July 2014)

- ECFA supported Studies, Workshops and Schools
- RECFA Country Visits
- Joint WG EPS-HEPP Board on Evaluation
- ICFA Matters
- Meetings in 2015

ECFA HL-LHC Experiments Workshop

2nd Workshop: 21-23 Oct. 2014, Aix-les-Bains, F

<http://indico.cern.ch/event/315626/>

Again a very efficient and interesting workshop!

250 registered participants.

Many synergies and joint projects between the experiments are identified and being conducted.

A summary document will be produced and will be presented to Plenary ECFA.

Discussion on a 3rd workshop, possibly in 2016, has started.

See presentation by P. Allport



Instrumentation School in Serbia

University of Novi Sad, Serbia

September 8-13, 2014

Jointly organised by CERN, the ICFA Instrumentation Panel and ECFA

The school was initiated during a RECFA country visit to Serbia.

60 students participated in lectures and laboratory courses (1/3 from Serbia, 1/3 from the Danube region, 1/3 international).

This 1 week school is a very successful format for the promotion of detector physics.

Danube School
on Instrumentation
in Elementary Particle
& Nuclear Physics

UNIVERSITY OF NOVI SAD, SERBIA
September 8-13, 2014

The school is an equal opportunity event intended for MSc, PhD and Postdoc students who want to acquire hands on experience in different detector technologies used in Particle Physics and Nuclear Physics. Researchers, who are actively involved in the field and are recognized experts in detector R&D, will give lectures and state-of-art laboratory sessions. Students are encouraged to attend, contribute and share their experience.

Review Talks

- Higgs Boson: from QED to LHC
- Future Challenges in Physics
- The Linear Colliders Challenges
- Neutrino Physics
- The Challenge of B-physics and rare decay events
- Astro-particle and dark matter searches
- Nuclear Physics

Accompanied by lectures and laboratory "hands-on" practice on detector techniques both in particle and nuclear physics.

INTERNATIONAL ADVISORY COMMITTEE

- C. Alexa, IFIN-HH, Bucharest, Romania
- P. Bloch, CERN
- V. Brigićević, Ruder Bosković Institute, Zagreb, Croatia
- G. Casse, University of Liverpool, UK
- A. Cattai, CERN
- R.D. Heuser, CERN
- P. Jovčević, IPHE, Bulgarian Academy of Sciences
- M. Krauss, HEPHY, Vienna, Austria
- F. Krizan, University of Ljubljana and IJL, Slovenia
- L. Masetti, CERN
- E. Nappi, INFN, Italy
- M. Planinic, Faculty of Sciences, Zagreb, Croatia

LOCAL ORGANIZING COMMITTEE

- P. Adžić, University of Belgrade
- A. Belić, University of Belgrade
- I. Bikić, University of Novi Sad
- V. Črnogorac, University of Novi Sad
- M. Kiran, University of Novi Sad
- P. Mironović, University of Belgrade
- D. Medić, University of Novi Sad
- I. Nikolić, University of Novi Sad
- D. Popović, University of Belgrade
- G. Stjepanović, University of Novi Sad
- D. Špaček, University of Belgrade
- M. Veskević, University of Novi Sad (School Director)

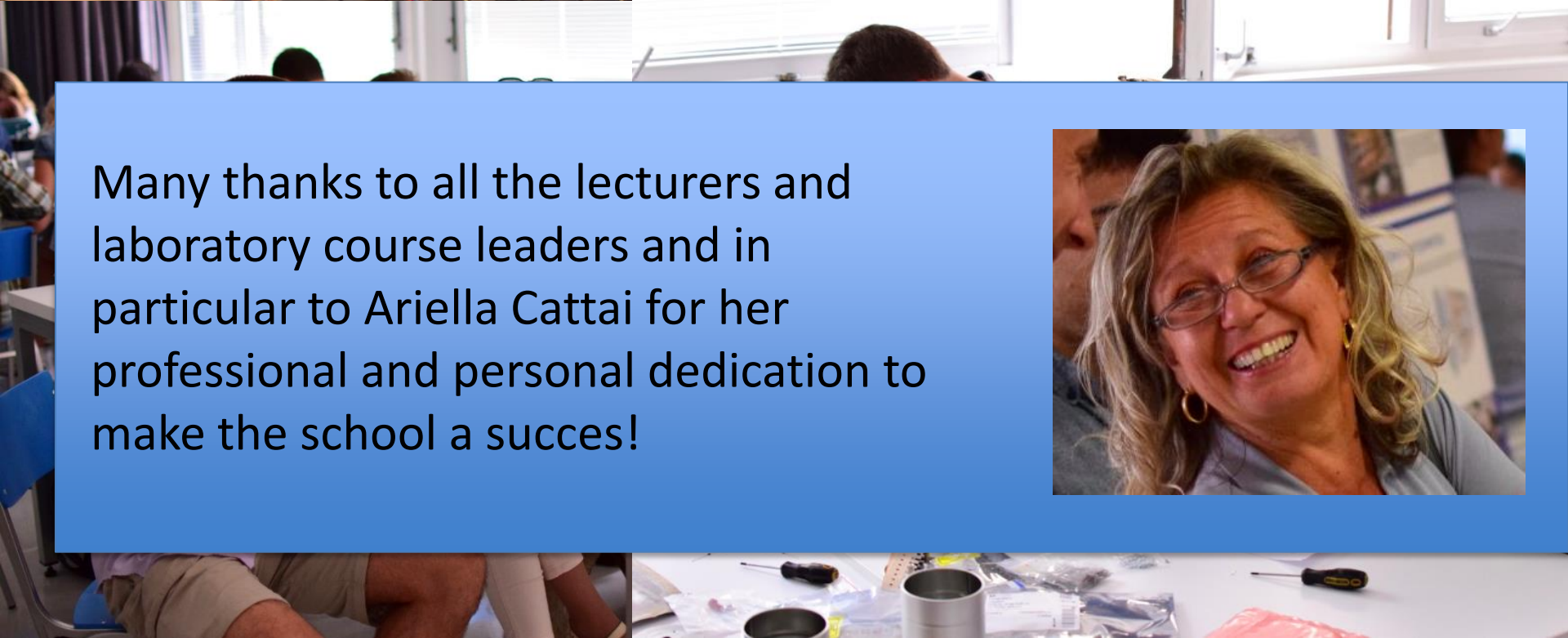
More information and registration:
<http://cern-danube-school.uns.ac.rs>

Deadline for applications:
June 15th 2014





Many thanks to all the lecturers and laboratory course leaders and in particular to Ariella Cattai for her professional and personal dedication to make the school a succes!



RECFA Country Visits 2014

- **Israel, April 10/11, 2014 (Tel Aviv/Jerusalem)**
- **Germany, May 9/10, 2014 (Bonn)**

Summary of the visits to Israel and Germany already presented to PECFA in July.

- **United Kingdom, November 7/8, 2014 (RAL)**

The visit to the UK took place only 2 weeks ago.

Excellent presentations! Impressive HEP programme!

RECFA is in the process of defining the report and conclusions.

Evaluation of Scientists in HEP

Joint working group by EPS-HEPP Board and RECFA

Members: M. Cavalli-Sforza, K. Jakobs, G. Wormser (coordinator), C.E. Wulz, M. Krammer (ECFA chair), T. Lhose (EPS-HEPP chair)

Mandate: prepare document with recommendations (guidelines) for the evaluation of scientists from High Energy Physics

The document should have two parts: 1st part for the HEP community
2nd part for outside evaluators

Timeline:

- Skeleton presented to EPS-HEPP Board (15 Oct.) and RECFA (7 Nov.).
- **Status presented to Plenary ECFA 20/21 November 2014**
- 1st draft January 2015
- Draft circulated to HEP and non HEP circles for comments
- Endorsement of final document by PECFA July 2015

See presentation by G. Wormser

ICFA Matters

Meetings in 2014:

- 20/21 February, DESY, Hamburg
 - 6 July, Valencia during ICHEP
 - 27-30 October, Beijing, during ICFA seminar
- ICFA meetings scheduled at same day as **Linear Collider Board (LCB)** meetings because of large overlap of participants

Purpose of ICFA

ICFA was created to facilitate international collaboration in the construction and use of accelerators for high energy physics. It was created in 1976 by the International Union of Pure and Applied Physics. Its purposes, as stated in 1985, are as follows:

- To promote international collaboration in all phases of the construction and exploitation of very high energy accelerators.
- To organize regularly world-inclusive meetings for the exchange of information on future plans for regional facilities and for the formulation of advice on joint studies and uses.
- To organize workshops for the study of problems related to super high-energy accelerator complexes and their international exploitation and to foster research and development of necessary technology.

Members of ICFA (Nov. 2014)

CERN Member States:

R. Heuer

M. Krammer

J. Mnich

USA: I. Shipsey

D. MacFarlane

N. Lockyer (Chair)*

Japan: T. Mori

A. Suzuki

Russia: A. Bondar

S. Ivanov

Canada: M. Roney

China: Y. Wang

Other Countries: G. Alves

L. de Paula

V. Matveev

IUPAP-C11: H. Aihara

Secretary: R. Rubinstein

* J. Mnich, ICFA chair as of January 2015

ICFA Panels

- ICFA Instrumentation Innovation and Development Panel
- ICFA Beam Dynamics Panel
- ICFA Panel on Advanced and Novel Accelerators
- ICFA Standing Committee on Interregional Connectivity
- ICFA Study Group on Data Preservation in High Energy Physics
- Linear Collider Board
- ICFA Neutrino Panel

ICFA Seminar

11th ICFA seminar at IHEP, Beijing, on 27-30 October 2014

<http://icfa2014.ihep.ac.cn>



The Seminar takes place every three years with the aim of bringing together government officials involved in strategic decisions for High Energy Physics (HEP), representatives of the major funding agencies, the directors of major HEP laboratories, and leading scientists from all of the regions of HEP activity.

News from the Linear Collider

ICFA controls the Linear Collider Collaboration (LCC) through the Linear Collider Board (LCB), which is a subpanel of ICFA

- ILC Project Office has been set up at KEK for the interaction with the Japanese government and with the LCC
- LCC is studying site-specific designs for the ILC in the Japanese-selected site
- A subcommittee was created to review possible ILC governance models
- MEXT committees studying the ILC and their schedules
- Meetings on ILC between Japanese officials and their counterparts in the US. The US-Japan Friendship Caucus issued a joint statement calling for the early creation of a task force to further the ILC project.
- Three people from the Nomura Research Institute in Japan were present at the current ICFA Seminar; they are visiting major world HEP labs; their main interest is in technology spin-offs from the ILC.

ICFA Meeting con't

- Proposal for a new ICFA Panel on **“Sustainable Accelerators/Colliders”** (by A. Suzuki)
- Discussion on a proposal for a new IUPAP commission dedicated to **“Accelerator Science”**
This topic was subsequently raised at the IUPAP General Assembly (5-7 November 2014). The ICFA Secretary was asked by IUPAP to coordinate among all interested parties a discussion on a path forward.
- Proposal for the **56th ICFA Advanced Beam Dynamics (W. Chou) Workshop: Energy Recovery Linacs ERL2015** (June 7-12, 2015, Stony Brook University, NY)
- Next **ICFA seminar 2017** at TRIUMF (Vancouver)

PECFA/RECFA Meetings in 2015

Plenary ECFA meetings:

- 97th PECFA July 25 in Vienna during EPS conference
Joint meeting with the EPS HEPP-Board “*Connecting scales: bridging the infinities*”
- 98th PECFA November 19/20 at CERN

RECFA country visits:

- Czech Republic March 27/28
- Portugal May 15/16
- Greece October 2/3