

**High  
Luminosity  
LHC**

# News from CB & SC and close up



Lucio Rossi & Andy Wolski  
@3rd HiLumiLHC/LARP annual meeting

# Role of the Collaboration Board

- The HiLumi LHC Collaboration Board (CB) exists to ensure that partners are able to work together effectively to achieve the goals of the HiLumi project.
- The HiLumi LHC project forms part of the HL-LHC project supported by funding from the EU (in particular, WP1 – 6).
- Membership of the CB consists of one representative from each partner, plus the Project Co-ordinator and his deputies.
- The CB reviews progress with the project, and makes decisions on action required to address any issues affecting the collaboration, or respond to changes in circumstances etc.

# 3<sup>rd</sup> CB Meeting: Daresbury, 12/11/2013

Main issues and decisions:

- Accepted reports on project progress and finances.
- Subject to final approval by EC, the CB agreed:
  - to the withdrawal of CNRS from the collaboration;
  - to re-scope WP4, redirecting effort and funding from elliptical crab cavity to CC cryomodule design;
  - to welcome University of Huddersfield as a new partner in the HiLumi program (in WP5).

# 3<sup>rd</sup> CB Meeting: Daresbury, 12/11/2013

Main issues and decisions (continued):

- Confirmed appointments of:
  - Gianluigi Arduini as WP2 Co-ordinator
  - Rob Appleby (UNIMAN) as WP5 Deputy Co-ordinator
- Confirmed appointments for further 2-year terms:
  - Lucio Rossi as Project Co-ordinator
  - Oliver Brüning as Deputy Project Co-ordinator
  - Andy Wolski (UNILIV) as Chair of Collaboration Board
- **Agreed that 4<sup>th</sup> Joint HiLumi LHC-LARP Annual Meeting should be at KEK, in mid-November 2014.**

# Agenda for 3<sup>rd</sup> CB Meeting, 12 Nov 2013

16:15	Welcome address.	S. Chattopadhyay
16:25	Approval of minutes of 2 <sup>nd</sup> CB meeting. Approval of agenda of 3 <sup>rd</sup> CB meeting.	A. Wolski
16:30	Report on HiLumi LHC progress.	L. Rossi
16:50	Confirmation of notable changes in the organisation.	L. Rossi
17:05	HiLumi LHC Finance.	S. Stavrev
17:20	First Amendment to the EC Grant Agreement: withdrawal of CNRS, and accession of U. Huddersfield	L. Rossi/ R. Edgecock
17:35	European strategy for particle physics and future facilities.	R. Aleksan
17:45	US strategy for particle physics and future facilities.	B. Strauss
17:55	KEK's strategy for particle physics and future facilities.	T. Nakamoto
18:05	Appointment of Project Co-ordinator and Deputy, WP Co-ordinators, and CB Chair.	A. Wolski
	Location/date of 4 <sup>th</sup> joint HiLumi LHC-LARP annual meeting.	A. Wolski
18:20	Bus to Old Trafford.	All

# From Steering Committee



## HL-LHC: High Luminosity Large Hadron Collider



### The next step for the Large Hadron Collider

The Large Hadron Collider (LHC) is the largest scientific instrument ever built. It has been exploring the new energy frontier since 2010, gathering a global user community of 7,000 scientists from all over 60 countries. It will remain the most powerful accelerator in the world for at least two decades, and its full exploitation is the highest priority in the European Strategy for Particle Physics, adopted by the CERN Council and integrated into the ESFRI Roadmap.



#### INTRANET

Member registration

#### LATEST NEWS

28 October 2013: LARP  
Testing Newest High-field

<http://hilumilhc.web.cern.ch/HiLumiLHC/index.html>



# High Luminosity LHC Project

**WP**  
Coordinator  
Co-coordinator

## PROJECT COORDINATION OFFICE

Project Coordinator: Lucio Rossi, CERN  
Deputy Project Coordinator: Oliver Brüning, CERN  
Technical Coordinator: Isabel Bejar Alonso, CERN  
Project Safety Officer: Thomas Otto, CERN  
Budget & Resource Management: Dorothée Duret, CERN  
FP7 HiLumi LHC Administrative Manager: Svetlomid Stavrev, CERN  
Dissemination & Outreach: Agnes Szeberenyi, CERN  
Administrative Support: Cécile Noels & Julia Double, CERN

### WP1 Project Management

Lucio Rossi, CERN  
Oliver Brüning, CERN

### WP2 Accelerator Physics

Gianluigi Arduini, CERN  
Andy Wolski, UNILIV

### WP3 Magnets

Ezio Todesco, CERN  
GianLuca Sabbi, LBNL

### WP4 CC and RF

Erk Jensen, CERN  
Graeme Burt, ULANC

### WP5 Collimation

Stefano Redaelli, CERN  
Robert Appleby, UNIMAN

### WP6 Cold Powering

Amalia Ballarino, CERN  
Francesco Broggi, INFN

### WP7 Machine Protection

Daniel Wollmann, CERN  
Jorg Wenninger, CERN

### WP8 LHC-Exp. Interface

H. Burkhardt, I. Efthymiopoulos, CERN,  
A. Ball (CMS), B. Di Girolamo, (ATLAS)

### WP9 Cryogenics

Laurent Tavian, CERN  
Rob Van Weelderden, CERN

### WP10 Energy depo.

Francesco Cerutti, CERN  
Nikolai Mokhov, FNAL

### WP11 11T Dipole

Mikko Karppinen, CERN  
Alexander Zlobin, FNAL

### WP12 Vacuum

Roberto Kersevan, CERN  
Mark-Antony Gallilee, CERN

### WP13 Beam Diagnostics

Rhodri Jones, CERN  
Hermann Schmickler, CERN

### WP14 Beam Transfer

Jan Uythoven, CERN  
Brennan Goddard, CERN

### WP15 Integration

Sylvain Weisz, CERN  
Paolo Fessia, CERN

### WP16 Hardware Commissioning

Mirko Pojer, CERN

### WP18 High Field Magnets

Gijs de Rijk, CERN  
François Kircher, CEA

*R&D and Study*

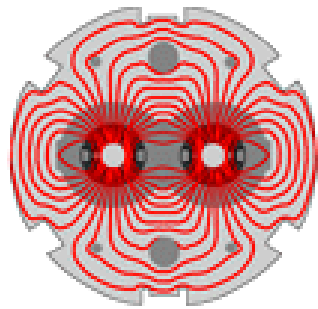
Laurent Tavian  
→ Serge Claudet

- Thanks to the local organisers for the excellent work:
  - Robert Barrie Appleby,
  - Deepa Angal Kalinin
  - Graeme Burt
  - Amos Dexter
  - Kai Hock
  - Andy Wolski
  - Liz Kennedy, Sue Waller, Stuart Eyres, Laura Bennett
  - Director Swapan Chattopadhyay for his warm hospitality
  - Cecile Noels and Julia Double for the preparation and support to this event and also for their support to the Project over the whole year.

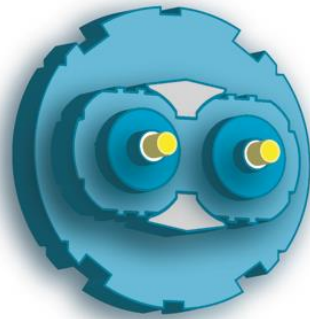




See you at the joint LARP/HiLumi Meeting (LARP CM22)  
on 7-8-9 May 2014 in BNL  
(Nov. 2014 in KEK - 4<sup>th</sup> Annual Meeting HiLumi)



***LARP***



**High  
Luminosity  
LHC**

**Have a safe travel back**



The HiLumi LHC Design Study is included in the High Luminosity LHC project and is partly funded by the European Commission within the Framework Programme 7 Capacities Specific Programme, Grant Agreement 284404.

