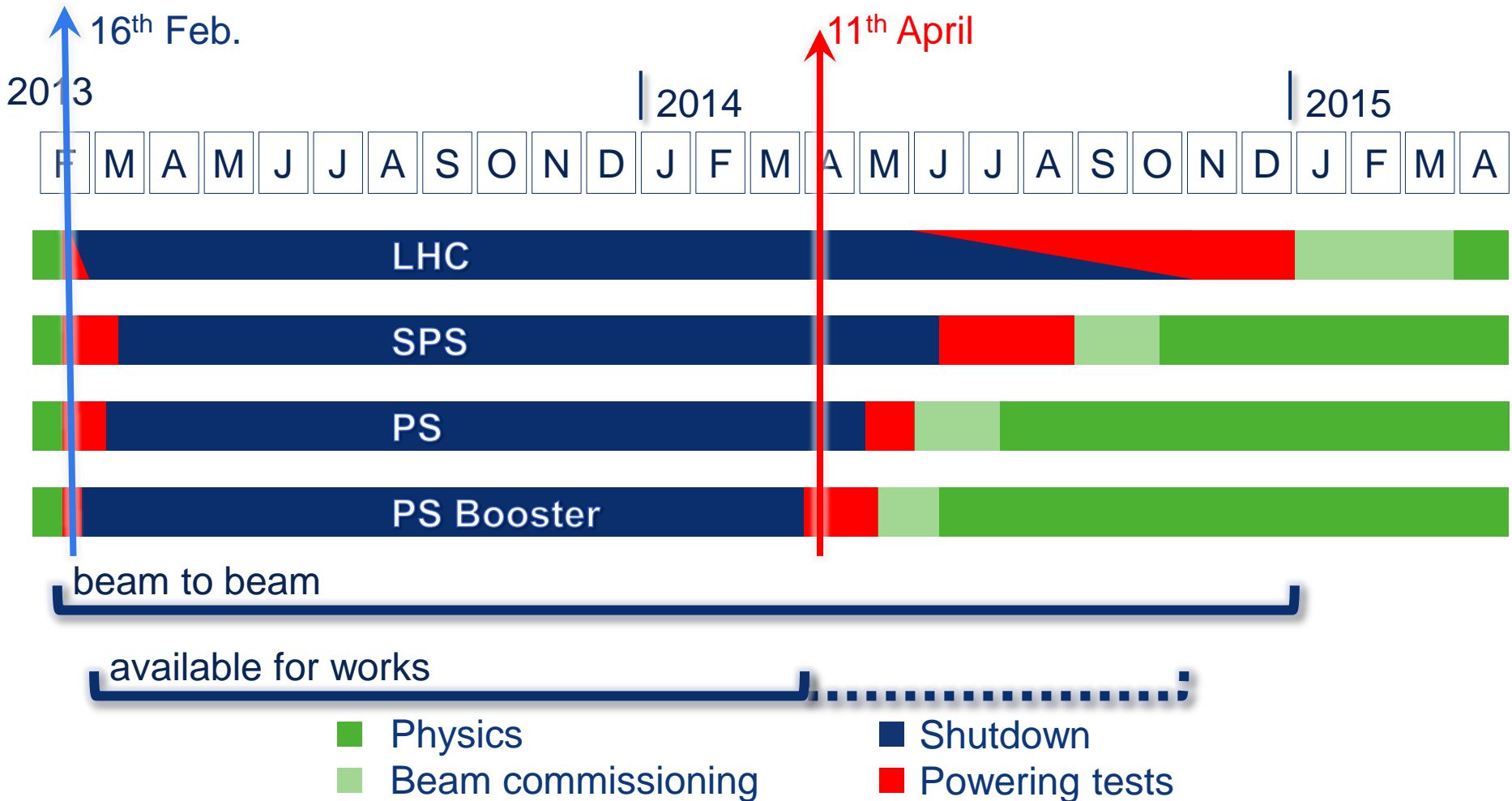




**LIU DAY**  
**WELCOME**



# LS 1 from 16th Feb. 2013 to Dec. 2014



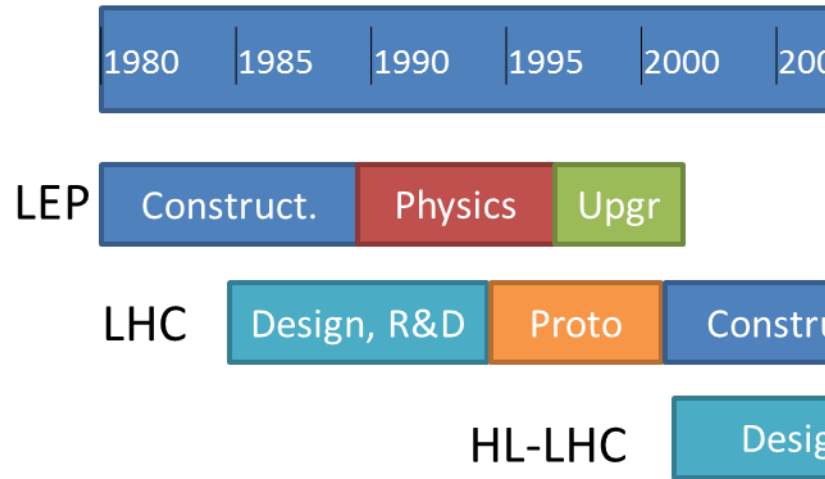
c) Europe's top priority should be the **exploitation of the full potential of the LHC**, including the high-luminosity upgrade of the machine and detectors with a view to collecting **ten times more data than in the initial design, by around 2030**. This upgrade programme will also provide further exciting opportunities for the study of flavour physics and the quark-gluon plasma.

## HL-LHC from a study to a PROJECT

$300 \text{ fb}^{-1} \rightarrow 3000 \text{ fb}^{-1}$

including LHC injectors upgrade **LIU**  
(Linac 4, Booster 2GeV, PS and SPS upgrade)

“...exploitation of the full potential of the high-luminosity upgrade of the LHC  
 => High Luminosity LHC



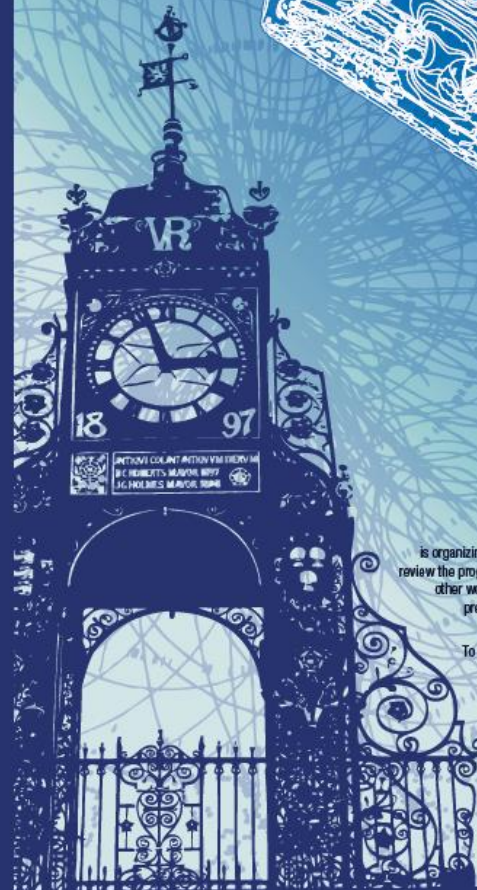
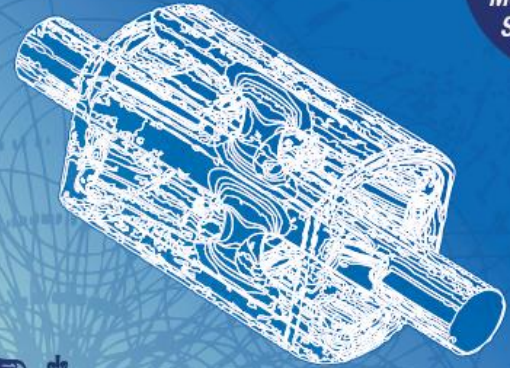
Kick-off meeting: 11<sup>th</sup> Nov. 2013  
 (Daresbury)

<http://cern.ch/hilumilhc>

# HiLumi LHC-LARP

**Daresbury Laboratory, UK**  
**3<sup>rd</sup> Joint Annual Meeting**  
**11-15 November 2013**

*High Luminosity LHC Project Kick-off Monday 11 Nov. Special Event*



**Organizing Committee:**

- L. Rossi – CERN, Project Coordinator
- O. Brining – CERN, Deputy Project Coordinator
- J. Doubtlet/C. Noels – CERN, Projects Support
- R. Appleby – CERN, Chairperson
- D. Angal-Kalinin – STFC
- S. Boegert – JAI
- G. Burt – CERN
- A. Dexter – CERN
- K. Hock – CERN
- L. Kennedy/S. Waller – STFC
- A. Wojski – CERN

**The HiLumi LHC Design Study project**

is organizing its 3<sup>rd</sup> Annual Meeting in collaboration with LARP. The meeting will review the progress in design and R&D of the FP7 HiLumi work packages, as well as other work packages. The main scope will be to provide a solid ground for the preparation of the High Luminosity LHC Conceptual Design Report, a key deliverable of the Design Study, due in the first part of 2014.

To mark the recent approval of the High Luminosity LHC project by the CERN Council as first priority for CERN and Europe, a special event called the HL-LHC Project Kick-off will be organized on the afternoon of Monday 11<sup>th</sup> November, with the participation of directors of the major stakeholders of the project.

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.

For more details and free registration:

<http://cern.ch/hilumilhc>

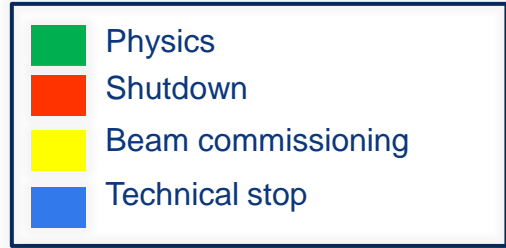


Welcome  
 Frédéric Bordry  
 LIU Day – 11<sup>th</sup> April 2014

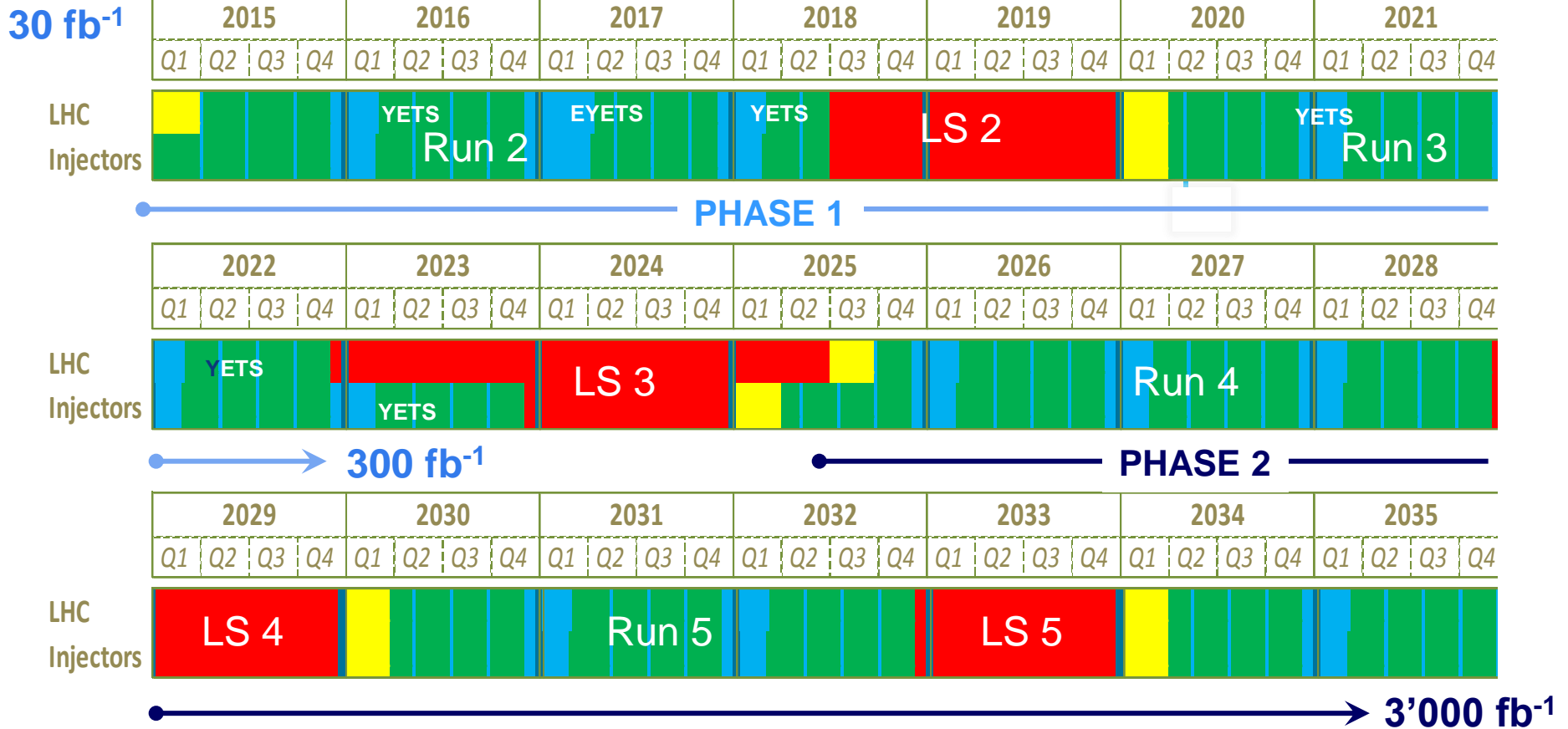


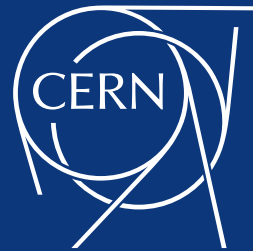
# LHC roadmap: schedule beyond LS1

LS2 starting in 2018 (July) => 18 months + 3 months BC  
 LS3 LHC: starting in 2023 => 30 months + 3 months BC  
 Injectors: in 2024 => 13 months + 3 months BC



(Extended) Year End Technical Stop: (E)YETS





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