

HIGH LUMINOSITY LHC PROJECT

MEMBER STATES COLLABORATIONS¹

Spain - CIEMAT

SC Orbit Corrector MCBXF: J-M. Perez, F. Toral

Italy - INFN

SC HO Correctors & SC D2 Magnet: S. Malvezzi², M. Statera³, S. Farinon⁴

Sweden - Uppsala University

Magnets & CC Test, Cold Powering DFHM/X: T. Ekelöf, M. Olvegård

United Kingdom

Collimation: R. Appleby⁵ (Spokesperson)
SRF RFD & DQW CC Cryomodules: G. Burt⁶, N. Templeton⁷
Beam Instrumentation: S. Gibson⁸, C. Welsch⁹, P. Burrows¹⁰
Cold Powering DFM/X: Y. Yang¹¹

NON MEMBER STATES COLLABORATIONS

USA

DOE HEP Link: S. Rolli, J. Kao
US HL-LHC AUP¹²: G. Apollinari¹³, V. Lombardo¹³, G. Sabbi¹⁴
Q1/Q3 Magnet System: G. Ambrosio¹³
Q1/Q3 CM & Cryostats: S. Feher¹³
Dressed RFD CC System: L. Ristori¹³

Japan - KEK

SC D1 Magnet, QHPS & CC Powering: T. Ogitsu, T. Nakamoto

China - IHEP

SC Orbit Corrector MCBRD: Q. Xu

Russia

Crystals: O. Fedin¹⁵

Canada - TRIUMF

RFD CC Cryomodules: O. Kester, B. Laxdal

HL-LHC PROJECT MANAGEMENT

WP1 - CERN

Project Leader: Oliver Brüning
Deputy Project Leader & Configuration Office: Markus Zerlauth
Monitoring & Control Office: Giovanna Vandoni
Collaborations Office: Emmanuel Tsesmelis
Procurement, Documentation, Quality & Risk Office: Hector Garcia Gavela
Integration & Installation Office: Paolo Fessia & Michele Modena
Schedule Officer: Paolo Fessia
Safety Office: Thomas Otto & Christelle Gaignant
Communications & Outreach Office: Cécile Noels & Florence Thompson
Project Support & Secretariat: Cécile Noels

WP2 Accelerator Physics

Rogelio Tomas Garcia

Nicolas Mounet

WP3 IR Magnets

Ezio Todesco

Delio Duarte Ramos

WP4 Crab Cavities & RF

Rama Calaga

Ofelia Capatina

WP5 Collimation

Stefano Redaelli

Antonio Perillo Marcone

WP6A Cold Powering

Amalia Ballarino

Yann Leclercq

WP6B Warm Powering

Michele Martino

Valérie Montabonnet

WP7 Machine Protection & Availability

Daniel Wollman

Reiner Denz

WP8 Collider-Experiment Interface

F. Sanchez Galan

Oliver Boettcher

WP9 Cryogenics

Vanessa Gahier

Serge Claudet

WP10 Energy Deposition & R2E

Francesco Cerutti - Ruben Garcia Alia

WP11 11 T Dipole

Diego Perini

WP12 Vacuum & Beam Screen

Vincent Baglin

Giuseppe Bregliozzi

WP13 Beam Instrumentation

Thibaut Lefevre

Raymond Veness

WP14 Beam Transfer & Kickers

Chiara Bracco

Anton Lechner

WP15 Integration & (De-)Installation

Paolo Fessia

Michele Modena

WP16 IT String & Commissioning

Marta Bajko - Mirko Pojer

WP17 Infrastructure & Logistics

Henry de Maynard

Silvia Grau

WP18 Controls Technologies

Javier Serrano

Grzegorz Daniluk

WP19 Alignment & Internal Metrology

Helene Mainaud Durand

Mateusz Sosin

¹ In kind contributions

² INFN Milano Bicocca

³ INFN Milano LASA

⁴ INFN Genova

⁵ University of Manchester

⁶ Lancaster University/Cockcroft Institute

⁷ STFC

⁸ Royal Holloway/John Adams Institute

⁹ University of Liverpool/Cockcroft Institute

¹⁰ University of Oxford/John Adams Institute

¹¹ University of Southampton

¹² US HL-LHC Accelerator Upgrade Project (BNL, FNAL, LBNL, SLAC)

¹³ FNAL

¹⁴ LBNL

¹⁵ PNPI (Collaboration up to end 2021)