

- ▶ **Welcome to the 2nd Open LDG Meeting**
 - ▶ Apologies from me for remote attendance
 - ▶ *No thanks to Virgin Airlines (and they still have my bags)*
- ▶ **But *many* thanks to**
 - ▶ Brookhaven management and support team
 - ▶ *In particular Maria Chamizo-Llatas, chair of the (small) local organising committee*
 - ▶ All the speakers and session chairs
 - ▶ Participants from the laboratories and HEP community in the US Europe
- ▶ **Goals of this workshop**
 - ▶ Reacquaint ourselves with strategic situation on both sides of the Atlantic
 - ▶ Discuss and debate topics of common interest:
 - ▶ *This time: R&D programmes and environmental sustainability*
 - ▶ Present the status of the accelerator R&D in the US and Europe
 - ▶ Make, renew, and deepen contacts between our laboratories
 - ▶ *Noting that the next phase of the particle physics programme will be global in nature*
 - ▶ *With a view to defining future actions and contact points*

- ▶ **Remit, as approved by CERN Council**
 - ▶ Facilitate informal **dialogue** among the Directors of the LNLs and CERN
 - ▶ Provide direct **input** to the **European Strategy** for Particle Physics
 - ▶ **Liaise** with the European Commission and national funding agencies, research institutes and universities, ensuring that LNLs speak with a single voice
 - ▶ Maximise the regional and national **benefits** of investment in fundamental research and in CERN
 - ▶ Draw up and maintain a prioritised accelerator R&D **roadmap** towards future large-scale facilities for particle physics
 - ▶ **Coordinate** the accelerator R&D activities on the roadmap, with the aim of strengthening cooperation and ensuring effective use of complementary capabilities
 - ▶ Keep abreast of the activities ... being undertaken in laboratories outside CERN's Member States, and of other **coordinating groups** in particle physics and related fields, and foster dialogue with them

- ▶ Part 1: Open Meeting of the Laboratory Directors Group
 - ▶ Presentations from European and US laboratories
 - ▶ Focus session on strategy processes
 - ▶ Focus session on accelerator and detector R&D
 - ▶ Focus session on sustainability of fundamental physics
- ▶ Part 2: Workshop on accelerator R&D programme
 - ▶ High-field magnets
 - ▶ Energy-recovery linacs
 - ▶ High-performance RF devices
 - ▶ Plasma acceleration
 - ▶ Muon collider
- ▶ Thanks also to BNL for a tour of their facilities
- ▶ Hopefully plenty of time for discussion during breaks and dinner
 - ▶ Please keep note of actions and good ideas for future follow-up
- ▶ **Have a great workshop!**



▶ Laboratory representatives

- ▶ S. Bentvelsen (NIKHEF)
- ▶ F. Bossi (LNF)
- ▶ J. Clarke (DL)
- ▶ N. Colino (CIEMAT)
- ▶ F. Gianotti (CERN)
- ▶ B. Heinemann (DESY)
- ▶ D. Newbold (RAL, Chair)
- ▶ E. Previtali (LNGS)
- ▶ F. Sabatie (IRFU)
- ▶ M. Seidel (PSI)
- ▶ A. Stocchi (IJCLab)

▶ Standing observers

- ▶ P. Spichas (ECFA Chair)
- ▶ M. Lamont (CERN Directorate)
- ▶ J. Mnich (CERN Directorate)
- ▶ H. Montgomery (SPC Chair)

▶ Secretary

- ▶ E. Tsemelis (CERN)

▶ Extended LDG members

- ▶ G. Bisoffi (RF) + P. Macintosh
- ▶ W. Leemans (LPA) + R. Patahill
- ▶ S. Stapnes (Muons) + D. Schulte
- ▶ J. D'Hondt (ERL) + M. Klein
- ▶ P. Vedrine (HFM)
- ▶ C. Bloise + M. Titov (Sust. panel)

Close cooperation between
LDG and ECFA continues