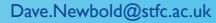


- Welcome to the 2nd Open LDG Meeting
  - Apologies from me for remote attendance
  - *No* thanks to Virgin Airlines (and they still have my bags)
- But *many* thanks to
  - Brookhaven management and support team
    - In particular Maria Chamizo-Llatas, chair of the (small) local organising committee
  - 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







2

## **European Laboratory Directors Group**

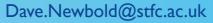
- Remit, as approved by CERN Council
  - Facilitate informal dialogue among the Directors of the LNLs and CERN
  - Provide direct input to the European Strategy for Particle Physics
  - Liaise with the European Commission and national funding agencies, research institutes and universities, ensuring that 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





## Agenda

- 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!











## **LDG** Composition

- 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)

Close cooperation between LDG and ECFA continues

- 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)

