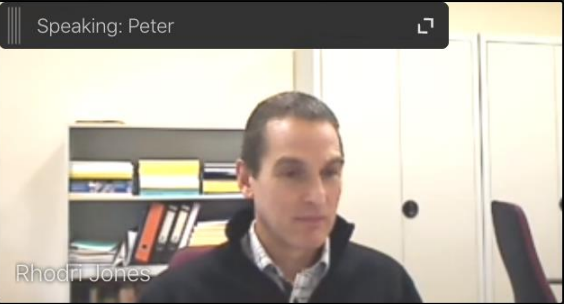


# Wrap-up and actions

Ray

Speaking: Peter



Rhodri Jones



Marton Ady



Hao Zhang



Serban



Ioannis Papazoglou



Chiara Pasquino



Stefano



Narender



Peter



Amir



Adriana



Gerhard PC



Heeral Bhatt

# Highlights

- Major progress in 2020
  - Funding and specification for final instrument
  - V3, phase 1 and 2 advanced very well, despite COVID
  - Major steps forward in comparing simulations with measurements, for jets, optics and vacuum
  - Order-of-magnitudes for LHC SR look manageable
- Issues for 2021
  - 'Putting the BGC on the EBTS' project
  - Light from the EBTS cathode
  - Integration of the v4 instrument
  - Vacuum control system for v3 (and v4)

# Actions from the meeting [preliminary]

- Re-discuss the dates for final CI instrument deliverables, considering the extension to Run 3 [Ray]
- Verify the grounding of the phosphor screen and how to make this work in the EBTS. [Hao/Amir]
- Simulations vs. measurements - need to check the different results between gases. Also need to make a line plot to see the 2D profiles. [Hao]
- Planning for optical instruments - how many, where and when? Can we use v4? [Hao?]
- Optics motorisation, or manual for the different systems [Stefano?]
- Marton and Hao for future simulations with a student at CI. [Marton/Hao]
- Run 3 tests: Do we need fast timing? Do we need motor controls? [Stefano]
- Add the different location of the v3 instrument to the SR background calculation. [Stefano/Marton]
- plot the jet thickness vs. distortion for the gas jet [Serban]
- Look for design improvements for the HEL light background [Noah]
- Agree a project manager and mandate for the BGC on EBTS [Ray]

# Actions from the meeting [preliminary]

- Further investigations of Vantablack [Ioannis]
- List of components and schedule for CI [Ioannis]
- Prepare a list of issues for the vacuum design to address [Gerhard/Marton]
- Investigate feasibility of slit skimmer for v4 (production and alignment) [Hao]
- Discuss options for testing v4 on the EBTS [Ray/Adriana]
- Consider a mechanical mock-up for v4 integration [Ioannis/Gerhard]
- Consider making tests at CI with a NEG cartridge [Hao/Ray/Chiara]
- Check the stray field in the HEL inter-magnet gap [Gerhard]



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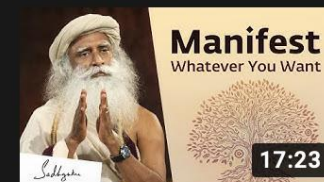
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