

Dark Matter Lunch

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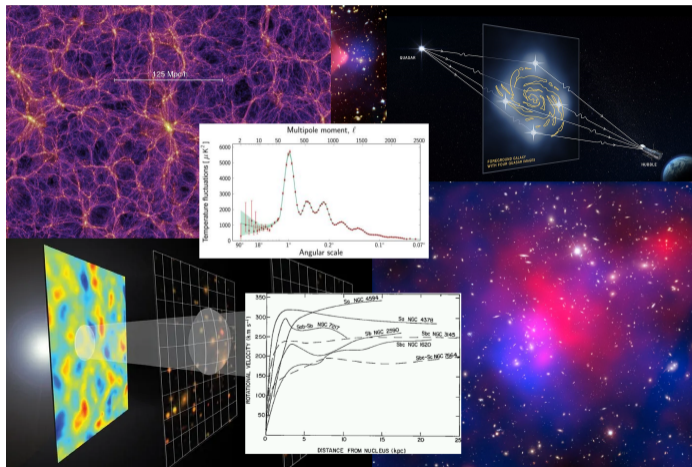
Science and
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Facilities Council



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Why discuss Dark matter?

- Thanks for coming!
- Wide-ranging topic, pursued in many areas.
- Also of general interest for those not directly working on it.
- Much work underway across the department - good to share/provide visibility.
- (James) very interested in the complementarity between different areas/community/technologies.
- Relevant to current broadening range of experiments and future e.g. HL-LHC, XLZD.



Practicalities

- Will try to bring cake.
- Feedback on structure welcome.
- Meetings: Fortnightly?
- Talks: open for suggestions - my thanks to those that have volunteered to talk about their work.
 - ▶ Direct detection (LZ, Darkside, Migdal, XLZD)
 - ▶ Light DM/Quantum (QuestDMC)
 - ▶ CMS/ATLAS (extended Higgs sectors, invisible Higgs, darkQCD)
 - ▶ Boulby
 - ▶ Others I missed...
- Today: Brij kindly agreed to discuss interpretations and continue the discussion from his seminar in winter.

