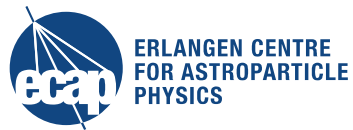


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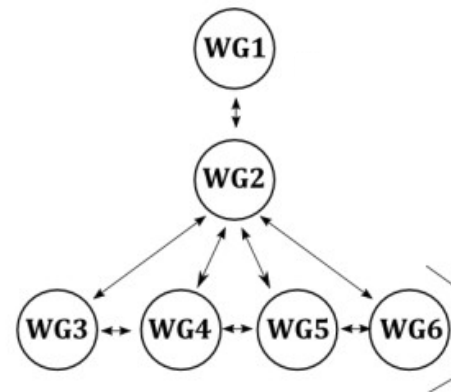
Rodrigo G. Ruiz
CA18108 Video meeting
18/06/2019



Reminder: Action structure

Working Groups:

- WG1: Theoretical frameworks for gravity effects below the Planck energy
- WG2: Phenomenology of QG
- WG3: Gamma rays
- WG4: Neutrinos
- WG5: Cosmic rays
- WG6: Gravitational waves



WG4 work plan discussed at Brussels

● Year1

- Analyse the state of the art → phenomenologists + experimentalists
- Find experts in physics of sources
 - Inside the action
 - Outside the action

● Year 2

- Collaborate with WG2 → Go beyond the state of the art (new phenomenological frameworks and model from a neutrino perspective)

● Year 3

- Collaborate with WG3-6 → Develop new analysis strategies (technical and political) among the different experiments.

● Year 4

- General action review paper.



WG4 at Barcelona Workshop + WG meeting

● Workshop (2-3 Oct. 2019)

- What would we like the other participants to know about our research?
 - 1 Neutrino review talk (1 hour) **who? volunteers?**
 - 2 experiment talks (30 min) **who? volunteers?**

● WG meeting (4 Oct. 2019)

- Start to develop work according to schedule (see previous slide)
 - Discuss gathered bibliography
 - Identify possible updates of old studies: are the most up-to-date QG models used? Are the most up-to-date data sets used? Are public data available that could be used?



Prospects

- Gather and read bibliography before the WG meeting in Barcelona.
- Set up IT services that allow us to share materials (GD?) and to talk (rocket chat? slack?)
- Second video meeting before the workshop to review the talks (September)?



Thank you.

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