

SWGGO Template

To be used for SWGGO presentations

SWGO Important dates

⊙ General Collaboration Calls:

- 5th December 3-5 pm CET : Site shortlisting - discussion on costs and risks
- 14th December 3-5 pm CET : Approaching M6 - status of simulations, preliminary results

⊙ M6 milestone completed early 2024

⊙ Decision to be taken in 2024

- M7 ☾ Preferred Site Identified
- M8 ☾ Design Finalised

⊙ Detector proposal must reach TRL7

- Prototype tested and validated in the lab

⊙ April Collaboration meeting

- 9-12 April, Mexico City + 13 April HAWC visit

Purpose of this meeting

- ◎ 2024 is a very important year for SWGO into CSN2
 - We must be aware of and start from the discussion in CSN2 during September meeting.
 - Criticism about the group composition
 - We must better coordinate between ourselves. It's important to better define (and communicate to CSN2) our role in the experiment.
 - SWGO presentation in CSN2 February meeting (19-20, Roma)
- ◎ Scope and outcome of this meeting:
 - Show to other groups what we are doing.
 - Try to define a common strategy to reinforce the collaboration toward a more clear and better defined strategy.

- ◎ Currently well recognized Italian contribution:
 - Multi PMT
 - $E > 100$ TeV

- ◎ Task not well covered according to the Advisory Group
 - Calibration
 - Saturation (my guess around 14 bits)
 - Data Storage for Multi-PMT solution
 - Lightning Protection
 - Water tightness and Cable Connectors

- ◎

- ⊙ Thursday afternoon ☾ Detector
- ⊙ Friday morning ☾ Analysis and Simulation
- ⊙ Discussion!