

# **Design an IACT for VHE gamma-rays**

**ACME Online Course**

**Online Discussion**

Oscar Blanch Bigas

# OUTLINE of the Course

- Support Material
- Guidelines to design an Imaging Air Cherenkov Telescope
- Online discussion on proposed designs
  - Make YOUR own design
  - Register and submit your design
  - Join online session

# Make your own design

- No need to follow/answer the questions in the step by step instructions
- Do your own choices based on the knowledge and ideas you have
- Do not aim for the best design but for a justified one
- There are not wrong decisions only justified are unjustified, we look for the former

# Register and submit your design

- Summarise your design in a free format which should contain:
  - a. Short description, either in words or sketch
  - b. The reasoning of the choices done towards the design
- It does not need to be the full complete telescope, it can be focused on specific parts (overall designs, camera, ...) depending on the interest of every one.
- Register to the On-Hands session and submit YOUR design

# Join Online session

- We will have a 3 hours long (with a break) session to go through the different elements of the telescope
- We will discuss the different designs that have been submitted and the reasoning of the choices done