

# Expanding the physics scope of masterclasses

Panel report  
(Rasmus Mackeprang)

# Why and what?

- Do we need/want to expand the MC programme?
- Alternative: Look into recasting the existing MC paths in terms of new questions to keep them relevant
- The question was raised if **IPPOG** should get involved in other topics.
  - We should at least facilitate experiments that wish to make MC.
  - If they should be under the aegis of IPPOG is a question to be decided every time.

# Interested parties

- Belle II
- MINERva
- MicroBooNE
- DUNE
- CLIC

→ We should point people to the definition of a MC ([link](#))

# Belle II

- Feel obliged to have a MC
  - Looking at the material from the Belle days
  - It is important for them to moderate from KEK to be able to focus on an Asian audience
  - Our help is best given as "consultants"
- You have all been volunteered as test subjects.

# Neutrinos

- IceCube has something up and running
- Ken has communication well in hand with the other ones

# CLIC

- Have expressed a loose interest in building a MC
- We should point them to "Uta's document"

# Other topics

- Anti-hydrogen
  - Steve has promised to talk to ALPHA to see if they are interested and to ask what we can do.
- Cosmics
  - Pierre Auger has an MC running. They appear to be happy.
- Gravitational waves
  - We assumed interest from LIGO/Virgo but Nicolas was in another meeting