

Final remarks of the workshop

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Proceeding



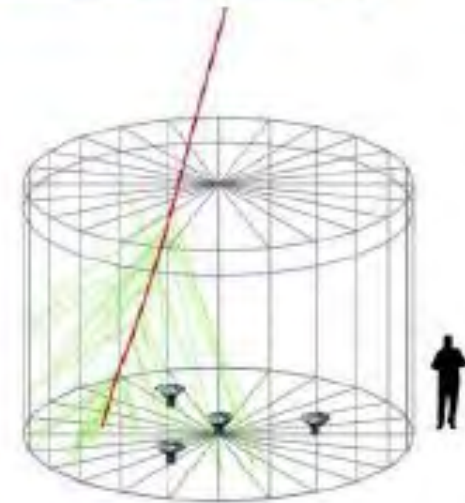
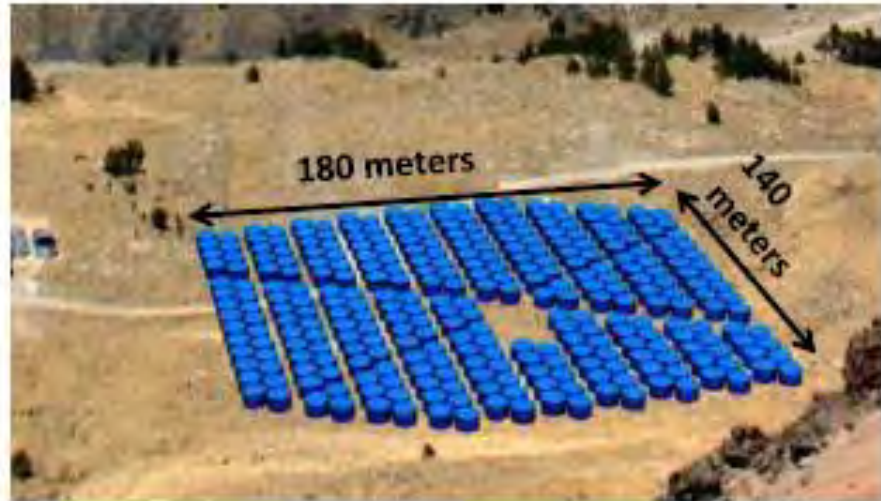


Reports from major γ -ray experiments

- AGILE
- Fermi
- H.E.S.S.
- VERITAS
- MAGIC
- ARGO
- HAWC

HAWC Design

300 close packed water tanks (7.3m dia x 4.5 m deep of 200,000 liters) each with 4 upward facing photomultiplier tubes at the bottom



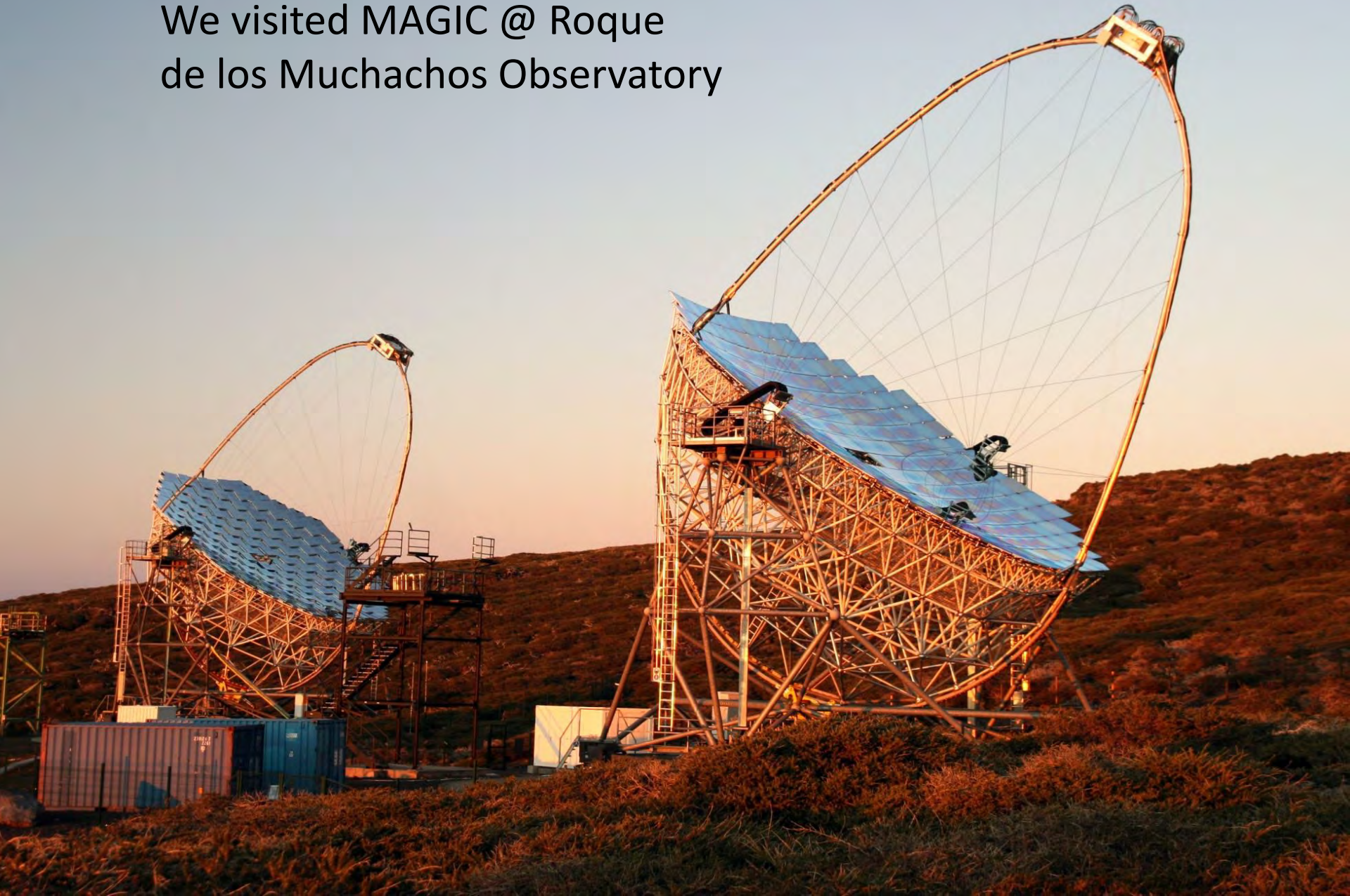
Reports on

- μ -lensing
- VHE sources & intergalactic magnetic fields
- EBL
- FACT
- γ -ray pulsars
- Multi-TeV & PeV gamma-ray astronomy
- Gamma-ray astrophysics and relation with cosmic rays and neutrino
- Direct and accelerator dark matter searches
- Neutrino physics and multi-messenger astrophysics
- The science tasks of new generation instruments different energy bands in VHE

Planned & future projects

- Cherenkov Telescope Array, Galactic, Extragalactic & Fundamental Physics with the CTA
- LHAASO
- LATTES
- MACHETE
- X-Ray Polarimetry as a new diagnostic tool for gamma-ray emitters
- Km3net
- DAMPE (& HERD)
- Gamma-400
- ASTRI

We visited MAGIC @ Roque de los Muchachos Observatory



Could see the telescope moving & automatically adjusting its mirrors



Could see the imaging camera from behind





La Palma: “La Isla Bonita”

- Since ~25 years La Palma is a site very successfully used for the cosmic and gamma ray astrophysics
- We hope we could give you an idea about how the MAGIC scientists work and live on this small, wonderful island
- The CTA North will continue and expand the traditions setup by HEGRA and MAGIC
- It seems that although the CTA North can be a compact instrument, including “only” some 20 telescopes, for the same reason, just in several years from now it can become one of the most a powerful observatories worldwide

Trying to guess the position of the 1st LST of the CTA North



We enjoyed the workshop cake





We hope that in this short time on the island you have got a bunch of positive impressions which may guide you to re-visit this island again, given the next opportunity

Thank you for coming!
In anticipation of great scientific results we looking forward for the next similar event!