

# Life and Activities of the Shifters and Locals on La Palma

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A Shifter is a type of MAGICian that comes to La Palma and lives on the island for an entire moon cycle



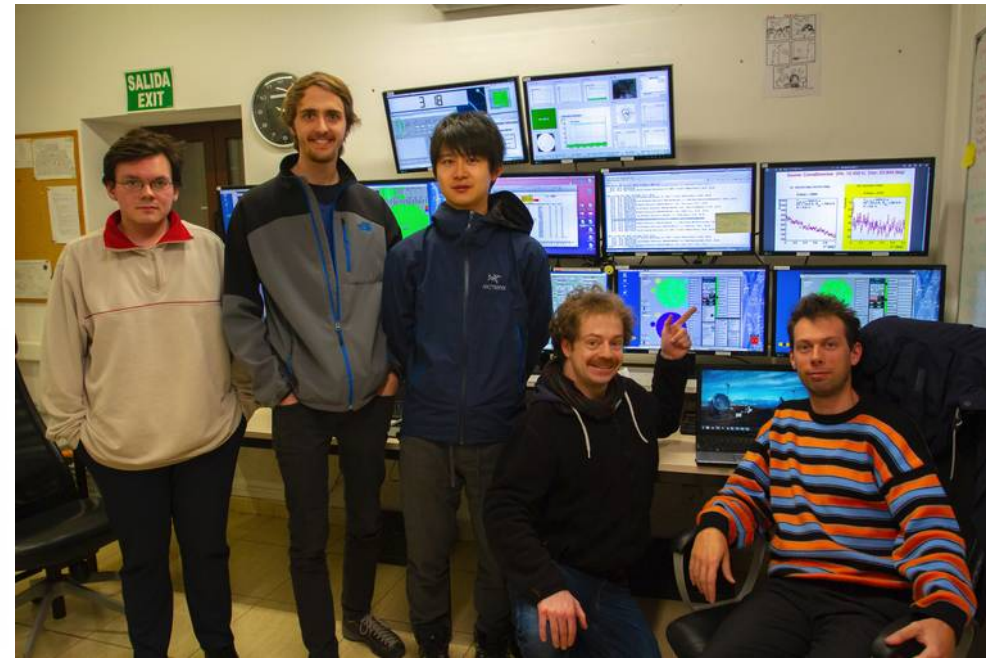
El Roque de Los Muchachos Observatory (La Palma, Spain)

The **MAGIC Collaboration** is composed by ~300 physicists (323 members in total, including technical and administrative staff ) from **13 countries**





- Some definitions:
  - Locals = experts living on La Palma
  - Shifters = Working with moon phases
  - Crew = 4-5 MAGICians
  - Super-expert = create a subsystem
- First interaction: Safety Tour
- Home: Apartment 6
- Hours: 7pm – 7am
- Hierarchy: SL, DSL, Op1, Op2
- What do the Shifters eat?
- Many cultures

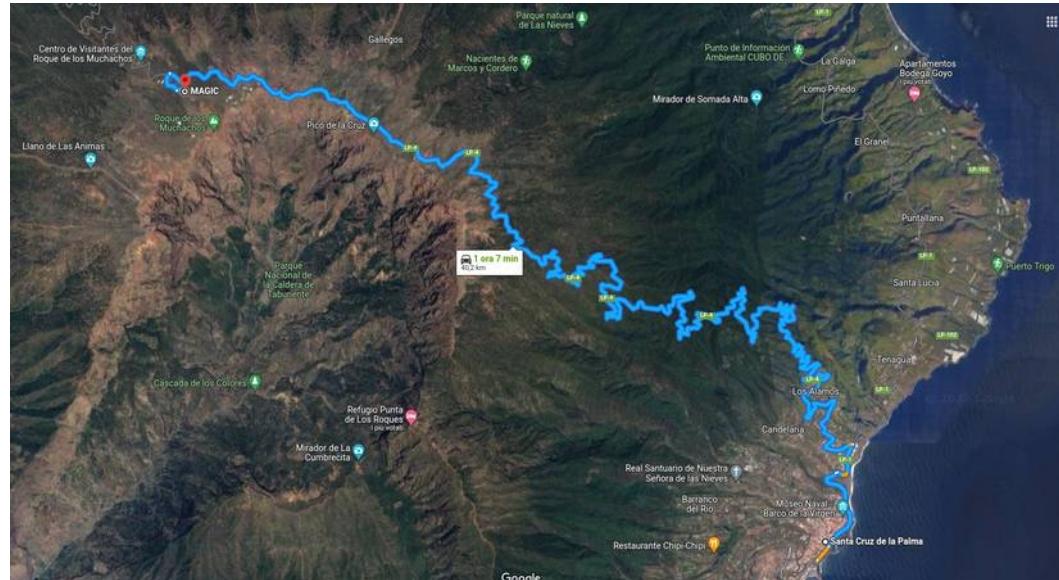




From Santa Cruz to the MAGIC telescopes, there are about **40 km** and an elevation gain of about **2,200 m**. La Palma is the steepest island in the world! It takes 1 h 15 min by car, but some of the bravest Shifters have spent 10 hours walking!



\**tainast* in the Guanche language





# Miscellaneous







Sometimes we climb

...sometimes we go up  
and up and up



...and sometimes we hike!





# The Magical Hat of a Dwarf

Every 5 years **La Bajada de La Virgen** is celebrated La Palma. The **Danza de los Enanos** is one of the most suggestive performances. The shape of the **MAGIC Counting House** was inspired by their hats!



# And sometimes the Shifters go down to town!



The biggest festival on the island is **Los Indianos**, a big talcum powder fight set to Latin music. It takes place on the Monday before Carnival and symbolizes the island's past, celebrating the return of people who had emigrated to Cuba.





Daddy time!



Whatsapp time!



Barraquito time!



Disco time!



They start with formulas, and end with this...  
an effect of the altitude?



Noche de San Juan on Santa Cruz beach



Dinner at Chipi-chipi





Filming began on October 2019 and some shooting took place at the MAGIC/LST site. A few of our Shifters and ORM personnel participated as extras!



# Sophie Rundle, Ethan Peck and MAGIC II





But we also work hard, too!



Automating the bolts. A reliable system!

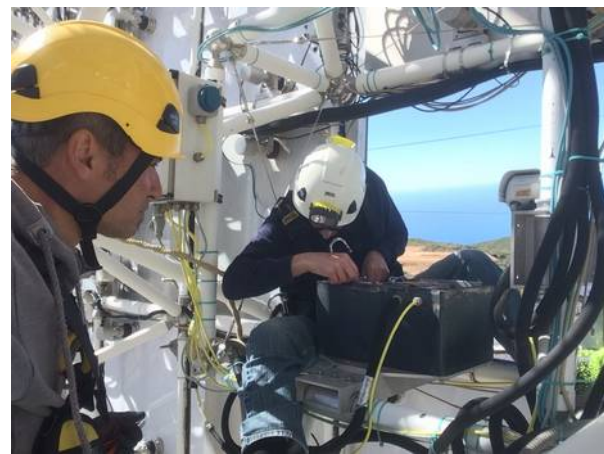


Mirror exchange campaign. The MAGIC reflector has 246 panels

Fighting with cables in the Computing room!



Maintenance on the calibration box





# Famous Historical Locals



Markus



Martin



Markus



Javier

Eduardo





# Gracias!

