



Universidade Presbiteriana
Mackenzie

Pró-Reitoria de Pesquisa e Pós-Graduação
Coordenadoria Geral de Pós-Graduação Stricto Sensu

Visit to the Heliophysical Mountain Laboratory at the El Leoncito Astronomical Complex (CASLEO), San Juan, Argentina and the Institute of Astronomy and Space Physics (IAFE), Buenos Aires, Argentina.

Carlos Guillermo Giménez de Castro

Theme: The Cosmic Scale

Project: Space Weather

External IES: CASLEO e IAFE

September 10-20, 2019

Counterpart FAPESP 3: Visit to the Heliophysical Mountain Laboratory at the El Leoncito Astronomical Complex (CASLEO), San Juan, Argentina and the Institute of Astronomy and Space Physics (IAFE), Buenos Aires, Argentina. From September 10th to 17th we visited CASLEO together with Eng. Tiago Giorgetti (CRAAM, TT FAPESP fellowship) and Eng. Adolfo Marún (Icate) in order to perform different maintenance and improvement tasks on the instruments installed there. We also visited the Felix Aguilar Astronomical Observatory (OFA) where next year will be installed the THz Height Solar Photometer (HATS). From September 18 to 20, we were welcomed by IAFE, a partner institution of the PrInt project. In addition to discussing with researchers from the Solar Physics and Space Geophysics group about ongoing projects, we delivered a lecture entitled *A Panorama on High Energy Solar Physics. Observations, Instrumentation and Theory at THz frequencies*.



View of different instruments of the LHM. Left: in foreground the POEMAS Solar Polarimeter, in the background the Submillimeter Solar Telescope (SST). Right: Tiago Giorgetti (left), Adolfo Marún (middle) and the author in front of the recently repaired Jensch celostat.



Universidade Presbiteriana
Mackenzie

Pró-Reitoria de Pesquisa e Pós-Graduação
Coordenadoria Geral de Pós-Graduação Stricto Sensu



View of the Halpha Solar Telescope (HASTA)
and the 30 THz camera installed at OAFSA.