



東北大学 宇宙創成物理学国際共同大学院プログラム

GP-PU (Graduate Program on Physics for the Universe) Seminar セミナー

“Understanding astronomy and meteorology from historical sources: some works made in Extremadura University”

by Víctor Manuel Sánchez Carrasco

(Universidad de Extremadura)

Time and Date : 15:00 - 17:00, Wed February 26th 2020

Venue : Room 745, Science Complex B (H-03)

Abstract:

Scientists have recorded their observations since centuries. Because of these historical records, we can know more about the longer-term climate of the Earth and Space. At the University of Extremadura, several works have been carried out in order to understand both of these climates. In this presentation, some of these works will be exposed. Regarding the Earth climate, we are working on the reconstruction of the past climate of the southwest of the Iberian Peninsula, analysis of meteorological extreme events and how the climate change is affecting to the region of Extremadura. In terms of space climate, we recover and analyze data corresponding to the solar activity of the past, in particular, sunspot observations recorded during the 400 years of the telescopic era. Recently, we have examined some of these first telescopic observations obtaining some important differences with respect to previous works in the solar activity level occurred in that time. This work is involved in the recalibration task of the sunspot number index carried out by the International Space Science Institute team led by F. Clette and M. Owens.

Contact : Yusuke Tanimura (E-mail: tanimura@nucl.phys.tohoku.ac.jp)