



Wednesday, December 18
14:00 - 15:00
Room 1.4.14

Prof. Ana Mourão

CENTRA - Centro de Astrofísica e Gravitação
Departamento de Física
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Measuring the polarization of light with the ESO-Very Large Telescope for supernova studies

The determination of the cosmological parameters using observations of supernovae is affected by systematic errors. I will talk about the importance of the recent work by our team to the measurement of the polarization of the light from supernova galaxies to unveil the properties of the dust affecting the observations. Our results are based on data obtained with the FORS2, an optical instrument at the ESO Very Large Telescope in Chile.