

Directly Imaging Exoplanets in Polarized Light with ELTs

2 - 6 December 2019, Leiden, the Netherlands

Scientific Organizers

- Maxwell Millar-Blanchaer, California Institute of Technology
- Becky Jensen-Clem, University of California, Berkeley
- Theodora Karalidi, University of Central Florida
- Barnaby Norris, University of Sydney
- Frans Snik, Leiden University

Topics

- Lessons Learned from Current High-Contrast Polarimeters
- Previous Polarimetric Observations of Planets and Brown Dwarfs
- Polarimetric Models of Exoplanet Atmospheres
- Polarimetry in the Era of ELTs
- Polarimetry with the Next Generation of Space Telescopes

The Lorentz Center organizes international workshops for researchers in all scientific disciplines. Its aim is to create an atmosphere that fosters collaborative work, discussions and interactions. For registration see: www.lorentzcenter.nl

A spectrum of polarized sunglasses show a glimpse of the three future extremely large telescopes that will be essential to detect polarization of exoplanets. Images by ESO/L. Calçada, GMTO and TMT. Poster design: SuperNova Studios .NL