Directly Imaging Exoplanets in Polarized Light with ELTs

• 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

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Topics

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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.

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