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High-contrast imaging polarimetry of exoplanets and circumstellar disks

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Rob Gerardus van Holstein

Cover design:

Bottom right: Total-intensity image of the star DH Tau A and its substellar companion DH Tau B. Top left: Linearly polarized intensity image of the same system, revealing the circumstellar disk of DH Tau A and the polarization signal from DH Tau B that indicates the presence of a disk around this companion. The images are presented in Chapter 5 and were taken with SPHERE-IRDIS at ESO's Very Large Telescope located on Cerro Paranal.

High-contrast imaging polarimetry of exoplanets and circumstellar disks

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