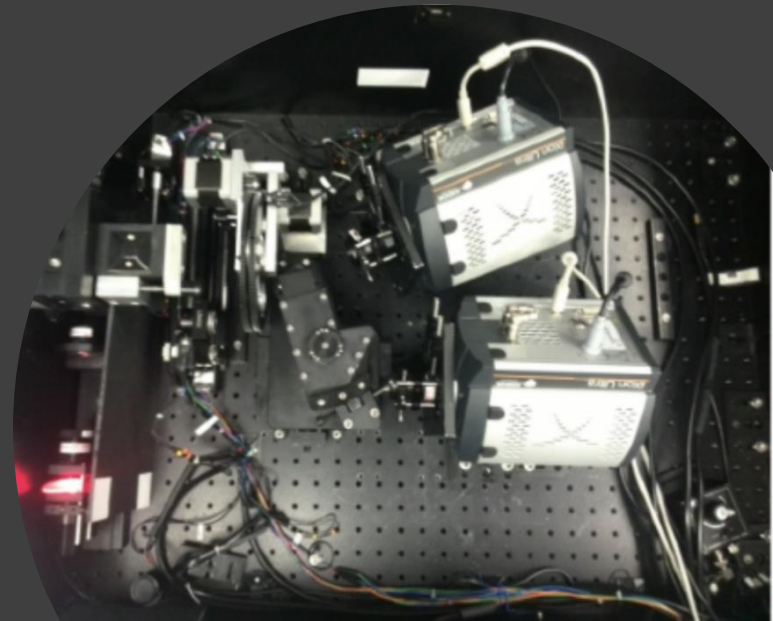


# NUI, Galway Centre for Astronomy (<http://astro.nuigalway.ie/>)

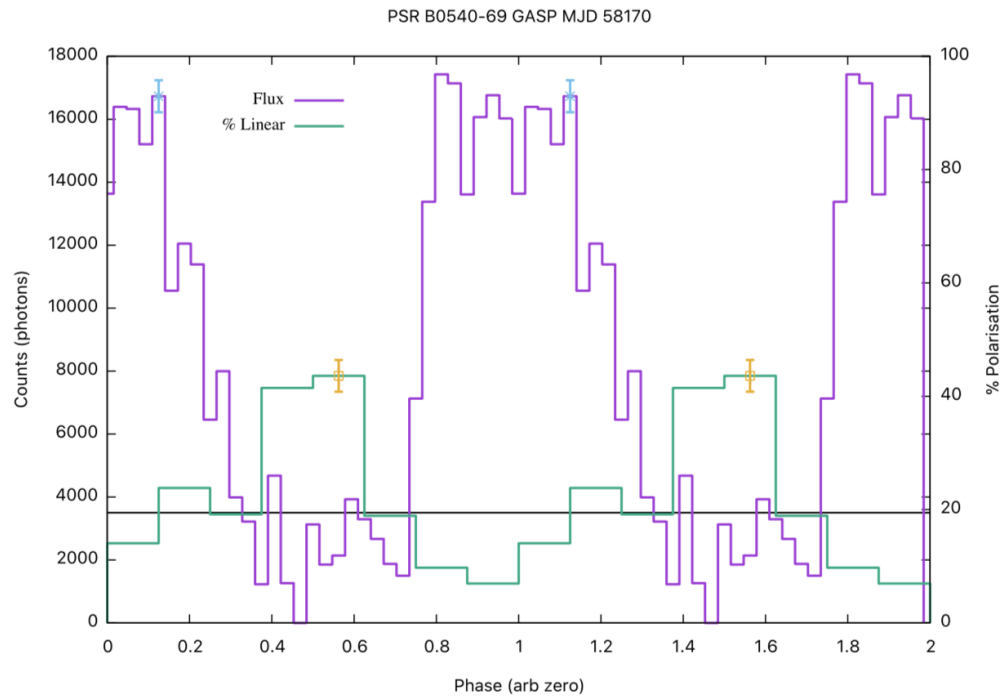
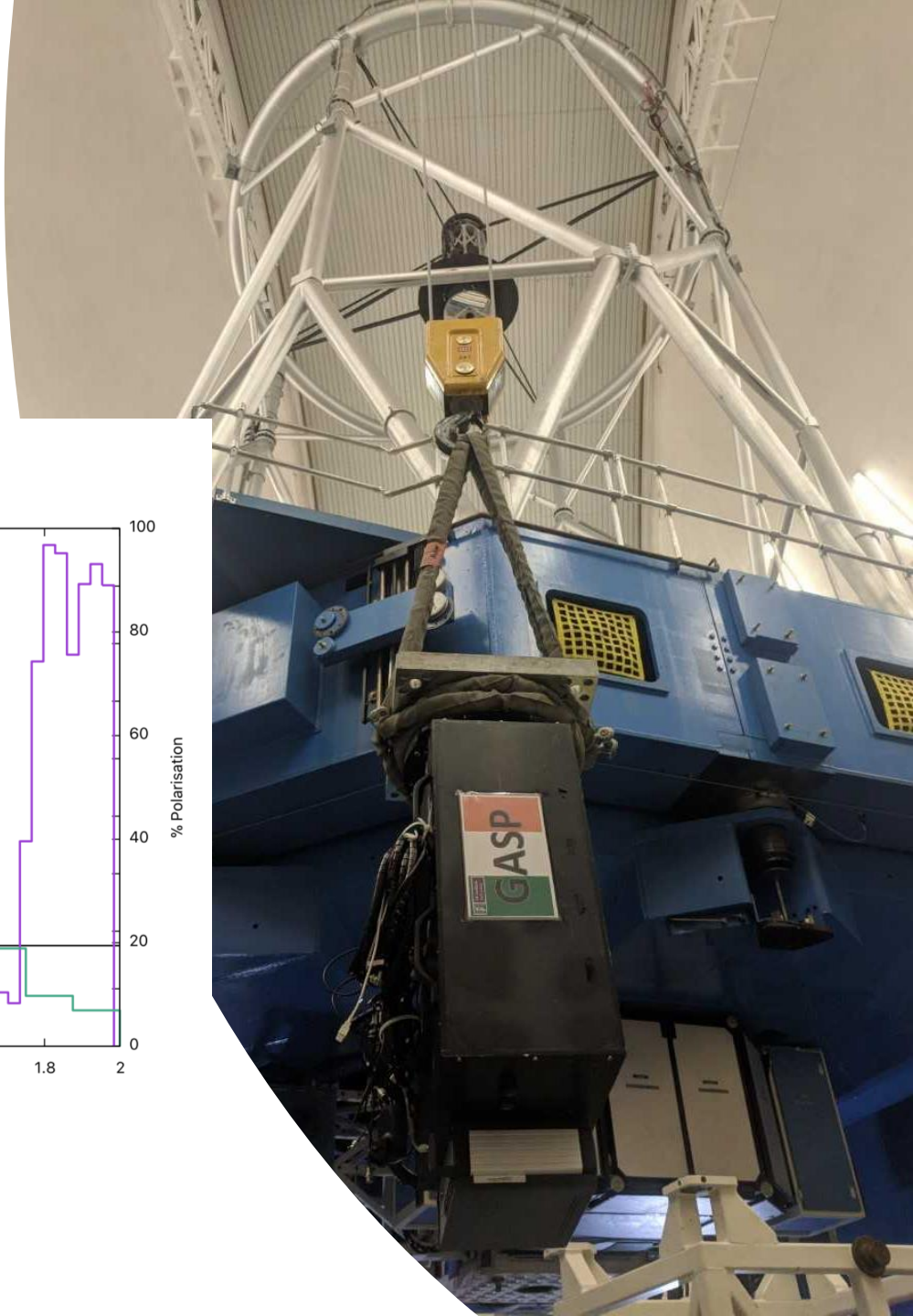
- 10 Academic staff
- 3 Post-docs
- Research areas:
  - Gamma-Ray Astronomy
  - Pulsar Research
  - Sub-mm Astronomy
  - Clusters and Variability
  - Brown Dwarfs and Substellar Objects
  - Star Formation and Destruction
  - Exoplanet Detection
- Masters in Astronomical Instrumentation

# GASP

- Division Of Amplitude Polarimeter
  - high-speed
  - Simultaneous measurement of all Stokes vector components
  - Used on several telescopes including La Silla 3.6m (2018 and 2019) and Gemini South (July 2019)

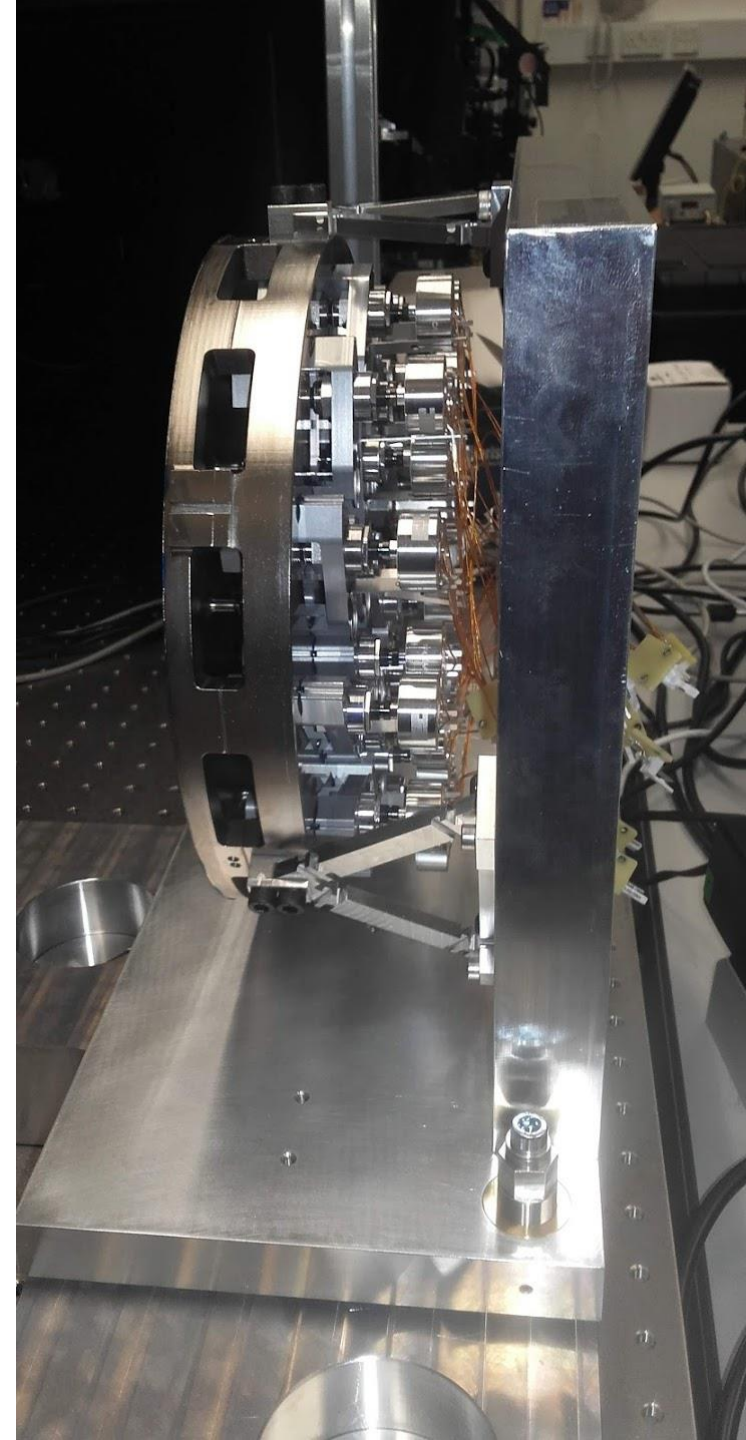


# GASP



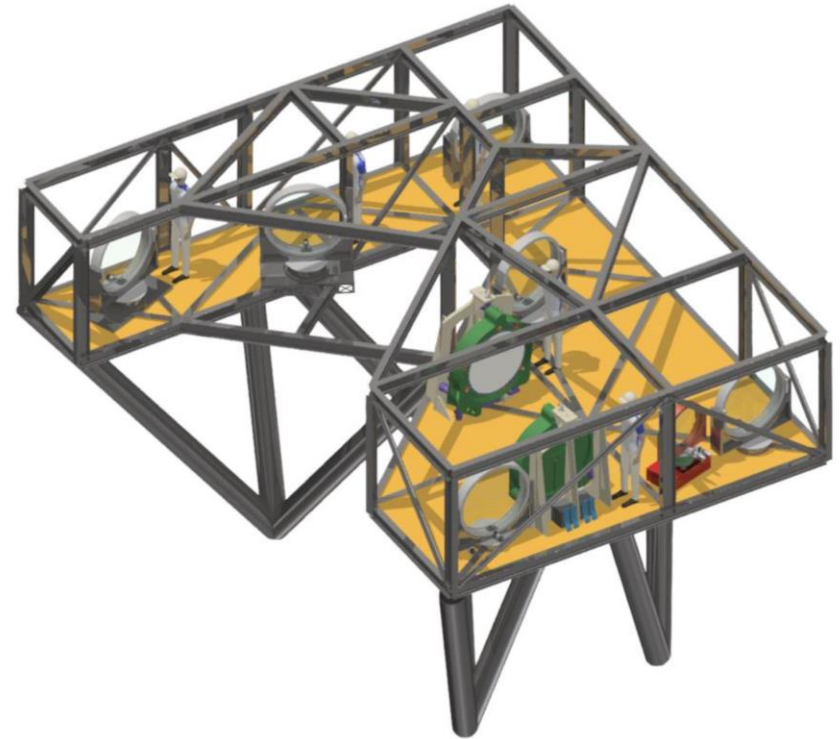
# Space-related activities

- Designed, built and tested a prototype Active Optics system for correction of Space telescope aberrations
- Investigating the effects of optical aberrations on Gravitational Wave detection for LISA



# MAORY

- NUIG has been invited to participate in MAORY, the Multi-Conjugate AO system for the E-ELT
- Involved in all aspects, responsible for Verification of MAORY performance



# Collaboration opportunities (biased!)

- GASP II
- Active optics/Space Telescopes
- Adaptive Optics
- Exoplanet Detection
- GLIC (high speed photometer, Eoin O Connor tomorrow)
- MSc projects
- ...