

# The GRAVITY instrument



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*and many others*



# GRAVITY (Aug. 2015, Paranal)





# Opportunities to observe with GRAVITY



*"ESO proposals may be submitted by **any** group or individual."*

- Science verification ongoing: **18 nights** spread in June and September 2016
  - ESO Period 99:
  - **deadline 29 September 2016**
- Observations April 2016 - September 2017

Limiting magnitudes:

- On-axis:  **$-2 < K < 6$**
- Off-axis FT:  **$-2 < K < 6.5$**   
Off-axis SC:  **$K < 9.5$**

**UTs:  $K = 9.5$**

Maximum contrast SC/FT:  
3 magnitudes

SC spectral resolutions:  
500 (200 channels),  
4000 (1800 channels)

Off-axis up to 6"  
Astrometry not offered

Baselines ~16 to 140m



*photo: S. Guisard*