

DR TIMOTHY DAVID RAWLE

European Space Agency (ESA)
Space Telescope Science Institute (STScI)
3700 San Martin Dr.
Baltimore, MD 21218
USA

Nationality: *United Kingdom*

+1 410 338 4969
tim.rawle@esa.int
<http://astro.rawle.org/>

EMPLOYMENT & EDUCATION

- 2015–present **ESA NIRSpec Instrument & Calibration Scientist**
JWST Science Operations Team, Space Telescope Science Institute, USA
- 2012–2015 **ESA Research Fellow** – *European Space Agency, European Space Astronomy Centre, Spain*
Independent research: Herschel-detected galaxies in cluster fields
- 2009–2012 **Postdoctoral research associate** – *Steward Observatory, University of Arizona, USA*
“The Herschel Lensing Survey (HLS)”
- 2006–2009 **Ph.D. (Observational Astrophysics)** – *Durham University, United Kingdom*
“Stellar populations in local cluster early-type galaxies”

PROFESSIONAL

- 2015–present Member of the JWST NIRSpec GTO team (PI: P. Ferruit)
- 2015–2017 Member of the International Space Science Institute (Bern, Switzerland) International Team
“The Effect of Dense Environments on Gas in Galaxies” (PI: G. Rudnick)
- 2014–2015 Primary supervisor for ESA trainees: Carolina Duarte, Pablo Moreno Muñoz
- 2014 ESO Observing Programmes Committee, P94–P95
- 2012 NFS grant review panelist
- 2011–present Referee for **Nature**, **ApJ** & **MNRAS**
- 2010–2013 Member of the International Space Science Institute (Bern, Switzerland) International Team
“Exploiting the Multi-Wavelength Lensing Survey” (PI: D. Schaerer)

SELECTED RECENT PUBLICATIONS

- Dessauges-Zavadsky et al., **2017**, *A&A*, 605, 81, *“Molecular gas properties of a lensed star-forming galaxy at z 3.6: a case study”*
- **Rawle** et al., **2016**, *MNRAS*, 459, 1626, *“A complete census of Herschel-detected infrared sources within the HST Frontier Fields”*
- Dwek et al., **2015**, *ApJ*, 813, 119, *“Submillimeter Observations of CLASH 2882 and the Evolution of Dust in this Galaxy”*
- Schaerer et al., **2015**, *A&A*, 576, 2, *“ALMA detection of [C II] 158 μ m emission from a strongly lensed $z = 2.013$ star-forming galaxy”*
- **Rawle** et al., **2014**, *MNRAS*, 442, 196, *“Star formation in the massive cluster merger Abell 2744”*
- **Rawle** et al., **2014**, *ApJ*, 783, 59, *“[CII] and CO(1-0) emission maps in HLS0918: A strongly lensed interacting system at $z=5.24$ ”*

All refereed papers (ADS; Sep 2017) – Total: **36** | First author: **10** | Citations: **949** | h-index: **19**