

Philip S. Wiseman

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EDUCATION	Technische Universität München & Max Planck Institute for Extraterrestrial Physics, Garching, Germany Ph.D., Physics, <i>Expected Submission:</i> August 2017 <ul style="list-style-type: none">• Thesis Topic: <i>The interstellar medium of gamma-ray burst host galaxies.</i>• Supervisors: Dr. Patricia Schady and Dr. Jochen Greiner Durham University, Durham, UK MPhys, Physics, July 2014: 1st Class (Hons) <ul style="list-style-type: none">• Final Year Project: <i>Using optical variability of X-ray selected AGN to weigh black holes.</i>• Supervisor: Dr. Alastair Edge• Third Year Project: <i>A photometric study Of W UMa-type eclipsing binary star V781 Tau.</i>• Supervisor: Dr. Alastair Edge	
RECENT PRESENTATIONS	International Max Planck Research School (IMPRS) on Astrophysics: 3rd Student Symposium, Garching. <ul style="list-style-type: none">• “Inflow, outflow and a galaxy merger: the remarkable host of GRB 080810 at $z=3.35$.” MPE “Star Formation” seminar, Garching: <ul style="list-style-type: none">• “Inflow, outflow and a galaxy merger: the remarkable host of GRB 080810 at $z=3.35$.” The Multiple Faces of Interstellar Dust, Garching: <ul style="list-style-type: none">• “Evolution of the dust-to-metals ratio in GRB-DLAs.” EWASS, Athens: <ul style="list-style-type: none">• “Evolution of the dust-to-metals ratio in GRB-DLAs.” ESO Garching “Gas Matters” Club: <ul style="list-style-type: none">• “Dust and metals in GRB host galaxies.”	1st Mar 2017 28th Feb 2017 13th -16th Sep 2016 4th - 8th July 2016 27th Jun 2016
CONFERENCE ORGANISATION	International Max Planck Research School (IMPRS) on Astrophysics: Student Symposia <ul style="list-style-type: none">• 1st Student Symposium<ul style="list-style-type: none">• Chair of LOC, introductory speech, co-chair of discussion session with senior invited guests.• 2nd, 3rd Student Symposia<ul style="list-style-type: none">• Advisor to chair of LOC, leader of discussion session with senior invited guests.	15th - 16th Mar 2016 5th - 6th Oct 2016, 1st Mar 2017
PUBLIC PRESENTATIONS	TUM Graduate School Kick-off Seminar Science Slam, Raitenhaslach: <ul style="list-style-type: none">• “Gamma-ray bursts: A journey through cosmic time.”	Oct 5th 2016
TEACHING EXPERIENCE	Basic Laboratory Course: Pohlsche’s Wheel Laboratory Assistant with Dr Martin Saß Department of Physics, Technische Universität München Laboratory Course for Engineers: Resonance Laboratory Assistant with Dr Andreas Hauptner Department of Physics, Technische Universität München	To be completed in Spring 2017 To be completed in Spring 2017

SKILLS

Observing

- GROND at the MPG 2.2m telescope, La Silla Observatory, Chile
 - *On site*: 30 nights over three observing runs.
 - *Remote*: Regular three-night observing shifts from 2014-present.

Data Analysis

- *Data Reduction*: Experience reducing and analysing X-ray (Swift XRT), optical photometric (GROND), and spectral (VLT/X-shooter, UVES, Keck/HIRES, HST/COS, STIS) data.
- *Photometry*: X-ray through to optical/NIR SED analysis (XSPEC), light-curves and periodicity
- *Spectroscopy*: Normalisation, absorption-line fitting (*VPFit*).

Computing

- Python, Bash, L^AT_EX

Languages

- English (Native), German (Fluent), French (Broken Conversational), Spanish (Basic).

LEADERSHIP & EXPERIENCE

IMPRS Student Representative

2014 - Present

- Head of the student body in the Garching astrophysics community. Involves representing students during meetings of the Executive Committee, as well as during workshops and lectures, and being an active participant in the organisation and running of the biannual Student Symposium. Organisation of parties, excursions and fundraising activities.

Van Mildert College, Durham University

2010 - 2014

- *Positions of responsibility*: Bar staff, womens rugby coach, mens rugby secretary, ski trip representative.
- *Member of*: rugby referees society, rugby club, cricket club, football club, ski club, college University Challenge team.