

CONTACT INFORMATION	Centre for Astrophysics and Supercomputing, Swinburne University of Technology H29, PO Box 218 Hawthorn VIC 3122, Australia	Email: rdavies@swin.edu.au
POSITIONS	Swinburne University of Technology ASTRO 3D Postdoctoral Research Associate Max Planck Institute for Extraterrestrial Physics PhD Student Australian National University Research Assistant	<i>since November 2020</i> <i>2016 - 2020</i> <i>Jan - Feb 2013, Jan - Jul 2016</i>
EDUCATION	Ludwig-Maximilians-Universität München Dr. rer. nat. (PhD) in Physics <u>Thesis Title:</u> <i>Feedback in Galaxies During the Peak Epoch of Cosmic Star Formation Activity and Black Hole Growth</i> <u>Thesis Supervisor:</u> <i>Dr. Natascha Förster Schreiber</i> Australian National University Bachelor of Philosophy (Honours), First Class Honours with the University Medal in Astronomy and Astrophysics <u>Thesis Title:</u> <i>New Perspectives on AGN Host Galaxies From Optical Integral Field Spectroscopy</i> <u>Thesis Supervisor:</u> Prof. Lisa Kewley	<i>2016 - 2020</i> <i>2012 - 2015</i>
SELECTED GRANTS & PRIZES	Gruber Foundation Fellowship (US\$25,000) Grant awarded by the IAU to cover research expenses for young postdocs Harvard-Smithsonian Center for Astrophysics - US\$500 Travel Grant For travel from Munich to Boston to give a CfA Galaxies & Cosmology Seminar University Medal, Australian National University For exceptional academic excellence throughout an Honours Degree program Australian Gemini Undergraduate Summer Studentship 10 week Research Internship at the Gemini South Headquarters in Chile ANU National Merit Scholarship (total value AUD\$26,000)	<i>2021</i> <i>2020</i> <i>2015</i> <i>2013 - 2014</i> <i>2012 - 2015</i>
SUPERVISION AND TEACHING	Co-supervisor of ANU PhD Student Peixin Zhu Co-supervisor of ANU Honours Student Aman Chopra	<i>2021 - 2024</i> <i>2021</i>
OBSERVING PROGRAMS	ANU 2.3m Telescope (as Principal Investigator, 5 nights) <i>An Integral Field Study of Seyfert-LINER and LINER-HII transition objects</i> JWST (Cycle 1, PI: Belli, 46 hours primary and 36 hours parallel) <i>The Stellar and Gas Content of Galaxies at Cosmic Noon</i>	
OTHER OBSERVING EXPERIENCE	Very Large Telescope (KMOS and SINFONI): 15 nights ANU 2.3m Telescope (WiFeS): 10 nights Anglo-Australian Telescope (SAMI/AAOmega): 9 nights Gemini South (GeMS/GSAOI): 2 nights Keck (OSIRIS): 1 night	
PROFESSIONAL INVOLVEMENT	Swinburne Time Allocation Committee for Keck (STACK) SOC, ASTRO 3D Mock Proposal Review Panels Swinburne Keck Room Operations Coordinator (KROC) ASTRO 3D Junior Early Career Researcher Committee Scientific Referee for A&A, ApJ, and MNRAS	<i>2021</i> <i>2021</i> <i>since April 2021</i> <i>since January 2021</i> <i>since 2015</i>

	IMPRS Student Representative	2016 – 2019
	LOC, “In Situ View of Galaxy Formation”	2016
	Student Member, Astronomical Society of Australia	2013-2016
	SOC, 2014 Harley Wood Winter School	2013-2014
CONFERENCE & SEMINAR TALKS	<u>Department Seminars</u>	
	Invited Colloquium, University of Melbourne	August 2021
	Invited Colloquium, Osaka University	June 2021
	Invited Galaxies & Cosmology Seminar, Harvard-Smithsonian CfA	February 2020
	International Centre for Radio Astronomy Research (ICRAR)	December 2019
	University of NSW, Macquarie University, Swinburne University of Technology, and Australian National University	February/March 2019
	Australian National University	January 2018
	University of Sydney	December 2017
	Max Planck Institute for Extraterrestrial Physics	November 2015
	University of Cambridge and University of Oxford	July 2014
	Universidad de Concepcion Chile	January 2014
	<u>Conference Talks</u>	
	EAS Annual Meeting: S10 (Black Hole Accretion) and S7 (Quasars at the Reionization Epoch)	July 2021
	Past, Present and Future of Galaxy Evolution	April 2021
	Annual Meeting of the German Astronomical Society	September 2020
MENTORING AND OUTREACH	Linking Galaxies from the Epoch of Initial Formation to Today	February 2019
	Challenges at KMOS 5th Year	December 2018
	The Role of Feedback in Galaxy Formation	September 2018
	A Star Was Born	April 2018
	Sharp Views of Galaxy Formation and Evolution	November 2017
	In Situ View of Galaxy Formation	November 2016
	Annual Scientific Meeting of the Astronomical Society of Australia	July 2016
	A 3D View on Galaxy Evolution: from Statistics to Physics	July 2015
	Multi-Wavelength Dissection of Galaxies	May 2015
	HECTOR Science Workshop	April 2015
	Unveiling the AGN-Galaxy Evolution Connection	March 2015
	Multiwavelength Emission from Accreting Black Holes	February 2015
	Australasian Conference of Undergraduate Research	September 2014
	Annual Scientific Meeting of the Astronomical Society of Australia	July 2014
	Annual Meeting of the Astronomical Society of Chile (SOCHIAS)	January 2014
	Annual Scientific Meeting of the Astronomical Society of Australia	July 2013
	Feeding, Feedback and Fireworks	June 2013
	Dissecting Galaxies Using 2D Integral Field Spectroscopy	March 2013
	Curious Minds STEM Mentor Program	since November 2020
	Mentoring two female high school students from rural areas who are undertaking personal interest projects in the field of astrophysics.	
	Outreach, Max Planck Institute for Extraterrestrial Physics	2016 - 2020
	Assisted at outreach events and ran guided tours for visiting student groups.	
	ANU Black Hole Society (1st Year Rep, Secretary, President)	2012 - 2015
	Organized large outreach events and coordinated a public lecture series.	