

Dr Flora Stanley

Onsala Space Observatory,
439 92 Onsala,
Sweden

Nationality: Greek
Date of Birth: 4/8/1990
Tel: +46 31 772 55 43
Email: flora.stanley@chalmers.se
flrstanley@gmail.com

Current Post:

2016- | Post Doctorate Researcher, Extragalactic group, Radio Astronomy and Astrophysics, *Onsala Space Observatory, Chalmers University of Technology, Sweden*

Education:

2012–2016 | **PhD in Astrophysics:** “Far-Infrared constraints on the ongoing Star Formation of distant galaxies hosting Active Galactic Nuclei”, Supervisors: Prof D. M. Alexander, C. M. Harrison, and Dr A. M. Swinbank, *Durham University, U.K.*

2011–2012 | **Diploma thesis:** “Study of the IR morphology in a representative sample of interacting galaxies”, under the supervision of Prof. Andreas Zezas, *University of Crete, Greece*

2008–2012 | **Physics Degree (4 years): First Class (Score of 8.6/10)**

Prizes and Awards:

2012 | Durham University Doctoral Scholarship - (3.5years PhD funding)
Undergraduate:

2012 | Award for highest grades in Physics for my 4th year, IKY State Scholarship foundation

2011 | Award for highest grades in Physics for my 3rd year, IKY State Scholarship foundation

2008 | Award for entering the Physics department of the University of Crete with the highest grades, IKY State Scholarship foundation

Awarded Observing Time:

2016 | ALMA: 2016.1.00804.S, PI **F. Stanley**, Co-I's, Radio-luminous AGN through ALMAs eyes: What is the effect of luminous radio activity on star formation?

2014 | ALMA: 2013.1.00884.S, PI: D. Alexander, Co-I's: C. Harrison, J. Mullaney, M. Swinbank, **F. Stanley**, R. Hyckox, “What impact do luminous AGN have on star formation?”

Teaching & Responsibilities:

2014-2015	Co-supervision of a Masters Student (Mr Chris Cook)
2013-2015	Representative of the Astronomy Postgraduate Students in the 'Staff and Student Consultative Committee', University of Durham
2013-2014	Teaching Assistant for Level 1 'Programming with Python' course, University of Durham
2011-2012	Teaching Assistant for Physics Lab I, University of Crete
2010-2011	Teaching Assistant for Programming with Fortran course, University of Crete

Outreach:

2012 – 2015	Science festival events: Durham Science Festival ("Celebrate Science"), and the Newcastle Science Festival.
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Conferences, Workshops & Seminars:

2015	Contributed talk , "A remarkably flat relationship between the average star formation rate and AGN luminosity for distant X-ray AGN", Demographics and environment of AGN from multi-wavelength surveys, IAASARS - National observatory of Athens, Greece
2015	Contributed talk , "A remarkably flat relationship between the $\langle \text{SFR} \rangle$ and L_X for AGN at $z=0.2-2.5$ ", DEX, University of Edinburgh, UK
2014	Poster , The Fate of Gas in Galaxies Workshop, Durham University, UK
2014	Contributed talk , "Constraining the SFRs of galaxies hosting an AGN: Is SFR dependent on AGN power?", National Astronomy Meeting, University of Portsmouth, UK
2014	Contributed talk , "Constraining the SFRs of galaxies hosting X-ray detected AGN: Is SFR dependent on X-ray luminosity?", New results in X-ray Astronomy, University of Cambridge, UK
2014	Contributed talk , "Constraining the SFRs of AGN host galaxies", DEX, University of Durham, UK

Publications: Refereed Articles:

“A remarkably flat relationship between star formation rate and AGN luminosity for distant X-ray AGN”

Stanley, F., Harrison, C. M., Alexander, D. M., Swinbank, A. M., Aird, J. A., Del Moro, A., Hickox, R. C., Mullaney, J. R., *MNRAS*, 453, 591 (2015)

“ALMA observations of a $z \sim 3$ Protocluster: a Lack of Enhanced Star Formation in Active Galactic Nuclei and Lyman-Alpha Blobs”

D. M. Alexander, J. M. Simpson, C. M. Harrison, J. R. Mullaney, I. Smail, J. E. Geach, R. C. Hickox, N. K. Hine, A. Karim, M. Kudo, B. D. Lehmer, Y. Matsuda, D. J. Rosario, F. Stanley, A. M. Swinbank, H. Umeda, T. Yamada, *MNRAS*, 461, 2944 (2016)

“ALMA resolves extended star formation in high- z AGN host galaxies”

C. M. Harrison, J. M. Simpson, F. Stanley, D. M. Alexander, E. Daddi, J. R. Mullaney, M. Pannella, D. J. Rosario, I. Smail, *MNRAS*, 457, L122, (2016)

“Mid-infrared luminous quasars in the GOODS-Herschel fields: a large population of heavily-obscured, Compton-thick quasars at $z \sim 2$ ”

A. Del Moro, D. M. Alexander, F. E. Bauer, E. Daddi, D. D. Kocevski, D. H. McIntosh, F. Stanley, W. N. Brandt, D. Elbaz, C. M. Harrison, B. Luo, J. R. Mullaney, Y. Q. Xue, *MNRAS*, 456, 2015, (2016)

“ALMA and Herschel reveal that X-ray-selected AGN and main-sequence galaxies have different star formation rate distributions”

Mullaney, J. R., Alexander, D. M., Aird, J., Bernhard, E., Daddi, E., Del Moro, A., Dickinson, M., Elbaz, D., Harrison, C. M., Juneau, S., Liu, D., Pannella, M., Rosario, D., Santini, P., Sargent, M., Schreiber, C., Simpson, J., Stanley, F., *MNRAS*, 453, L83 (2015)

“Herschel reveals a molecular outflow in a $z = 2.3$ ULIRG”

George, R. D., Ivison, R. J., Smail, I., Swinbank, A. M., Hopwood, R., Stanley, F., Swinyard, B. M., Valtchanov, I., van der Werf, P. P., *MNRAS*, 442, 1877 (2014)

Publications: Non-Refereed Articles / Articles in Preparation:

“Average SFRs of optically selected QSOs in H-ATLAS and their dependencies on AGN and radio luminosity”

F. Stanley, *et al.*