

**RAS GRANT APPLICATION STATUS REPORT**  
**GRANTS SUBMITTED FOR CONSIDERATION - 15 FEBRUARY 2016 DEADLINE**

	<b>Date Submitted</b>	<b>Deadline</b>	<b>Title/Purpose</b>	<b>Applicant and Org.</b>	<b>Amount Requested</b>	<b>Fund (Y/N)</b>	<b>Amount Awarded</b>
1	29/01/2016		Seismic Imaging of the Troodos Ophiolite: Fieldwork Experience for a Post-doc and a PhD Student	Dr Ian David Bastow, Imperial College London	£4670	Y	£600
2	01/02/2016		Attendance at 47 <sup>th</sup> Lunar and Planetary Science Conference (LPSC) in Houston, USA	Joel Davis	£787.35	Y	£788
3	22/01/2016		Undergrad. Black holes in globular clusters	Dr Ilya Mandel, Birmingham on behalf of David Perkins	£1200	Y	£1200
4	27/01/2016	<b>31/03/2016</b>	2016 European Symposium on Occultation Projects	Dr Richard Miles	£750.00	Y	£750
5	04/02/2016	<b>Mid-April</b>	g-ASTRONOMY: The Universe at the tip of your tongue	Dr Roberto Trotta, : Imperial College London	£1930	Y	£1580 Ed Com
6	04/02/2016		Support to attend Society for Astronomical Sciences Symposium, June 2016	Dr David Boyd	£1000	Y	£600
7	04/02/2016		Funds to attend 'Signals from the Deep Past: Unveiling Early Cosmic Structures', in Malta, 18-22 July 2016	Nancy Hine	£400	Y	£400
8	10/02/2016	<b>End of March</b>	Support for a student attendance at a 1 week summer school in Cargese	Dr Silvia Zane, UCL on behalf of Samuel Gower	£350	Y	£350
9	10/02/2016		E&O. Astronomy Zone	Mark Watson, Winchester Science Centre	£5,000	Y	£2,800 E&O
10	09/02/2016		Support to attend an international conference	Dr habil Christiane Helling, St Andrews on behalf of Gabriella Hodosán	£600	Y	£600
11	09/02/2016		E&O. Mapping England's Light Pollution	Martin Morgan-Taylor	£5000	Y	£1,000 E&O
12	04/02/2016		Undergrad. Quasi-periodic pulsations in stellar flares observed by XMM-Newton	Dr Anne-Marie Broomhall, Warwick on behalf of Alex Thomas	£1200	Y	£1200
13	15/02/2016	<b>30/03/2016</b>	Attend the conference- 'Mapping the Pathways of Galaxy Transformation Across Cosmic Time', Avalon, Catalina Island, California	Mr Joshua Argyle, St Andrews	£1,000	Y	£1,000
14	15/02/2016		Undergrad. Construction of light-cones from massive simulated datasets	Dr Ilian Iliev, Sussex	£1200	Y	£1200
15	15/02/2016	<b>30/05/2016</b>	Undergrad. Energy deposition in the solar corona and solar wind through Landau resonances	Dr Gert Botha on behalf of Mr Bone, Northumbria	£1200	Y	£1200
16	15/02/2016		Undergrad. Dusty electrostatics in cloudy stellar and planetary	Dr Declan Diver on behalf of Mr	£1200	Y	£1200

			atmospheres	Lennart Gundelach, Glasgow			
17	15/02/2016	<b>27/05/2016</b>	Undergrad. High-resolution observations of instabilities in solar prominences	Dr James McLaughlin on behalf of Richard Cook, Northumbria	£1200	Y	£1200
18	15/02/2016		Undergrad. Cloud formation in carbon-dominated planetary atmospheres	Dr Christiane Helling on behalf of Daniel Tootill, St Andrews	£1200	Y	£1200
19	15/02/2016		Undergrad. Non-thermal electrons and ions in solar flares	Natasha Jeffrey on behalf of Dale Weigt, Glasgow	£1200	Y	£1200
20	15/02/2016	<b>15/04/2016</b>	Supporting early-career researchers attending the Dark Energy Science Collaboration meeting to become active within the Large Synoptic Survey Telescope	Prof Pedro Ferreira, Oxford	£3500	Y	£3000
21	15/02/2016	<b>04/04/2016</b>	Astrochemistry experiments in Astrid2 Synchrotron	Natalia Pascual, OU	£815	Y	£400
22	15/02/2016	<b>26/04/2016</b>	Travel to the 26 <sup>th</sup> Goldschmidt Conference and Subsequent Field Study with Sample Collection at a Lunar Analogue Site	Dr Jessica Arnold, Oxford	£2754	Y	£500
23	15/02/2016	<b>07/05/2016</b>	For travel to the International Symposium + Workshop on Astro Chemistry	Charlotte Marshall, Nottingham	£650	Y	£650
24	15/02/2016		Undergrad. Superluminous supernovae: a route to the progenitors?	Prof Mark Sullivan on behalf of Claire Baker, So'ton	£1200	Y	£1200
25	15/02/2016	<b>15/06/2016</b>	Support to attend conference "From theory to applications: celebrating a century of gravitational lensing"	Mr James Nightingale, Nottingham	£390	Y	£390
26	15/02/2016		Travel support	Kélig Aujogue, Coventry	£1436	Y	£700
27	15/02/2016		Undergrad. Optical and Infrared Mass Flow Diagnostics in Herbig Ae/Be Stars	Prof. René Oudmaijer on behalf of Charles Harries, Leeds	£1200	Y	£1200
28	15/02/2016	<b>15/04/2016</b>	Support to attend exoplanet conference in Chile	Giuseppe Morello, UCL	£900	Y	£900
29	15/02/2016	<b>End of March</b>	Undergrad. Radial Gas Flows in Spiral Galaxies	Prof Brad Gibson on behalf of Isobel Judson, Hull	£1200	Y	£1200
30	15/02/2016		Undergrad. InSpector MoRSE: a tool for rapid spectrum inspection & analysis	Prof. Katherine Blundell on behalf of Max Topp-Mugglestone, Oxford	£1200	Y	£1200
31	15/02/2016		Support to attend & present at "the interplay between local and global processes in galaxies"	Alfred Tiley, Oxford	£590	Y	£590
32	15/02/2016		Undergrad. Tracing Galaxy Evolution with Peanuts	Dr Anne-Marie Weijmans on behalf of Ophelia Gunn, St	£1200	Y	£1200

				Andrews			
33	15/02/2016		Support to attend 2016 MESA Summer School	David J Wilson, Coventry	£900	Y	£900
34	15/02/2016		E&O. Deep dark pale blue	Dr Martin Dominik, St Andrews	£1800	Y	£1260 E&O
35	15/02/2016	<b>29<sup>th</sup> Feb</b>	Support to attend the 47 <sup>th</sup> Lunar & Planetary Science Conf, Texas	Jonathan Grice, Oxford	£615	Y	£615
36	15/02/2016		Support to attend 21 <sup>st</sup> International Conf on General Relativity & Gravitation, USA	Davide Gerosa, DAMPT	£1160	Y	£880
37	15/02/2016		Support to attend High Resolution X-Ray Spectroscopic Software & Tools	James Court, Southampton	£250	Y	£200
38	15/02/2016	<b>31/03/2016</b>	Undergrad. Properties and quiescence variability of EXor stars	Dr Kate Rowlands on behalf of Anna Oprandi, St Andrews	£1200	Y	£1200
39	15/02/2016		Undergrad. Stellar Activity in the host stars of close-in exoplanets	Carole Haswell, OU on behalf of Alexander Lisboa-Wright	£1200	Y	£1200
40	15/02/2016		Undergrad. What factors control the increase and decrease of the Van Allen Radiation Belts?	Dr Colin Forsyth, UCL on behalf of Colm Murphy	£1200	Y	£1200
41	15/02/2016		Intensive 3-week summer PhD student training with developer of SPH code and establishment of collaborative ties in Japan	Dr Wynn Ho, Southampton	£1500	Y	£960
42	15/02/2016		Support to present work at 3 international conferences	Mr Keir Rogers, UCL	£1007	Y	£400
43	15/02/2016		Undergrad. Eccentricity in pre-main sequence binary stars	Dr Robert Izzard, Cambridge on behalf of Ewan Mcculloch	£1200	Y	£1200
44	15/02/2016		Undergrad. Using solar wind electrons to determine magnetic field orientation: preparing for Solar Orbiter	Dr I. Jonathan Rae, UCL on behalf of Mr Mayur Bakrania	£1200	Y	£1200
45	15/02/2016	<b>15/04/2016</b>	Financial support for postgraduate students and early-career researchers attending "Star Formation 2016"	Dr Timothy Harries, Exeter	£5000	Y	£3,000
46	15/02/2016	<b>01/05/2016</b>	Galaxy Makers: How do you build a galaxy?	Prof Carlton Baugh	£5000	Y	£1500
47	15/02/2016		EA Milne travel Fellowship. Research Visit: Cosmic Rays in Young Galaxies, & Computational Plasma Astrophysics Summer School	Mr Amit Seta, Newcastle	£2050	Y	£1275
48	15/02/2016	<b>02/04/2016</b>	present my research at the "Statistical Challenges in 21st Century Cosmology" conference and to attend the ADA summer school	Miss Jennifer Yik Ham Chan, Mullard	£625	Y	£625
49	15/02/2016		Support to attend GR21 and COSMO-16 conferences/ networking in USA & Canada	Mr Viraj Sanghai, QMUL	£2000	Y	£600

50	15/02/2016		Support to attend lab training opportunity offered by NHM	Darryl Cooper, OU	£172	Y	£172
51	15/02/2016		Undergrad. Non-LTE Modelling of Eruptive Solar Prominences	Dr Nicolas Labrosse, Glasgow on behalf of Cristian Falcutescu	£1200	Y	£1200
52	15/02/2016	<b>15/05/2016</b>	Support to attend "Cool Stars 19" conference	Dr Chris Watson, QUB on behalf of Rachel Booth	£700	Y	£700
53	15/02/2016		Undergrad. Compact Galaxies in the GAMA Survey	Prof Steven Phillipps, Bristol on behalf of Dean Patient	£780	Y	£780
54	15/02/2016	<b>June 2015</b>	Be the PI of your own project using ALMA data	Prof Melvin Hoare, Leeds on behalf of Ms Mari Araki	£1200	Y	£1200
55	15/02/2016	<b>asap</b>	E&O. STAR MEN Interactive Web Documentary	Donald Lynden-Bell, Cambridge on behalf of Alison E. Rose	£5000	Y	£2500 E&O
56	15/02/2016		Undergrad. Probing the Sun's corona through waves	Dr Richard Morton, Northumbria on behalf of Ryan Edgar	£1200	Y	£1200
57	15/02/2016		Undergrad. Inference of star formation maps from 21cm maps of the epoch of reionization	Dr Jonathan Pritchard, ICL on behalf of Sophie Koudmani	£1200	Y	£1200
58	15/02/2016		Support to attend the LIGO-Virgo March 2016 Meeting	Hannah Middleton, B'ham	£765	Y	£765
59	15/02/2016	<b>01/04/2016</b>	Workshop on Martian Gullies and their Earth Analogues	Dr Susanne Schwenzer, OU on behalf of Susan Conway	£1000	Y	£1,000
60	15/02/2016	<b>01/05/2016</b>	Undergrad. X-ray and particle emission from solar flares	Dr Eduard Kontar, Glasgow on behalf of Ms Kenzie Nimmo	£1200	Y	£1200
61	15/02/2016		EA Milne travel fellowship. Testing AGN unification with the TAIPAN galaxy survey	Mr Yjan Gordon, Hull	£1500	Y	£1250
62	15/02/2016		Support to attend the 2016 MESA summer school	Prof. Thomas Marsh, Warwick on behalf of Odette Castillo	£850	Y	£850
63	15/02/2016	<b>May 2016</b>	Deciphering the enigmatic plumbing system beneath Askja volcano, Iceland	Dr Jonathan Mound, Leeds on behalf of Jeanne Marie Giniaux	£2,735	Y	£600
64	15/02/2016	<b>June 2016</b>	Research visit primarily to the Harvard CfA	Mr Vinesh Rajpaul, Oxford	£1150	Y	£950
65	15/02/2016		Collaboration at NASA Goddard Space Flight Center (GSFC) on using high resolution auroral data to understand the physics of the substorm	Nadine Kalmoni, UCL	£1300	Y	£1300
66	15/02/2016		Support to attend a collaboration meeting in	Miss Elizabeth Cooke, Nottingham	£374	Y	£374

			Baltimore, USA				
67	15/02/2016		E&O. Girls into Geoscience	Natasha Stephen, Plymouth	£450	Y	£450 Ed Com
68	15/02/2016		Support to attend 'What shapes galaxies?' Symposium in Baltimore, USA	Mr Ross Hart, Nottingham	£758	Y	£758
69	15/02/2016		Short Term Visit by MSc Student Keagan Blanchette	Prof Martin Bureau, Oxford	£550	Y	£550
70	15/02/2016	<b>End of April</b>	Funding for LSST Galaxies Workshop at Oxford, 22-23 July 2016	Dr Sugata Kaviraj, Herts	£2000	Y	£2,000
71	15/02/2016	<b>End of March</b>	support to present results at the "Star Cluster as Cosmic Laboratories for Astrophysics, Dynamics and Fundamental Physics – MODEST 16" in Bologna	Mr Filippo Contenta, Guildford	£860	Y	£430
72	15/02/2016		Undergrad. Linking the recent star formation history of galaxies with their dust properties	Dr Vivienne Wild, St Andrews on behalf of Bethany Thompson	£1200	Y	£1200
73	15/02/2016	<b>Mid-April</b>	A Comet Revealed: Rosetta and Philae at Comet 67P (An exhibit for the Royal Society Summer Science Exhibition 2016)	Dr Geraint Jones, UCL	£2000	Y	£1500
74	15/02/2016		Binary Stars in Cambridge" conference at Cambridge University	Ilya Mandel, B'ham on behalf of Alejandro Vigna-Gomez	£432	Y	£216
75	15/02/2016		Astrobiology and Space Exploration Fuchs Greenland Expedition 2016	Mr John Holt, Leicester	£1500	Y	£750 E&O
76	15/02/2016		Support to attend "The X-ray View of Black Hole Activity in the Local Universe"	Peter Boorman, Southampton	£491.11	Y	£500
77	15/02/2016		Undergrad: Visualising jet simulations	Andrew Young, Bristol on behalf of Ralph Wellington	£1200	Y	£1200
78	15/02/2016		Support to attend Goldschmidt 2016	Toby Samuels, Edinburgh	£250	Y	£250
79	15/02/2016		Undergraduate Research Bursary in Asteroseismology	Emily Brunsdon on behalf of Thomas Shutt, York	£1200	Y	£1200
80	15/02/2016		The cosmic history of Galactic Habitability	Elizabeth Stanway on behalf of Matthew Lane, Warwick	£1200	Y	£1200

### **Emergency Grants**

	<b>Date Submitted</b>	<b>Deadline</b>	<b>Title/Purpose</b>	<b>Applicant and Org.</b>	<b>Amount Requested</b>	<b>Fund (Y/N)</b>	<b>Amount Awarded</b>
1	15/01/2016	<b>Asap</b>	Scottish Exoplanet/Brown Dwarf meeting 3	Christiane Helling, St Andrews	£500	Y	£350
2	14/01/2016	<b>Asap – visit 1<sup>st</sup> 2 wks of Feb</b>	support for invited visit to Swedish Institute for Space Physics in Kiruna/ Uppsala	Ben Hall, Leicester	£561.11	Y	£416
3	07/01/2015	<b>Mid Feb</b>	Space Girls Space Women: a photographic exhibition	Dr Rhaana Starling, Leicester	£1000	Y	£1000

4	26/05/2016		Support to attend Cosmic dawn of Galaxy Formation conference (IAP)	Stephanie Greis, Warwick	£500	Y	£355
5	02/06/2016	<b>Asap</b>	Funding for oral presentation at 'The seventh annual Lunar and Small Bodies Graduate Conference (LunGradCon 2016)'	Indhu Varatharajan	£800	Y	£700
6	18/03/2016	<b>10/04/2016</b>	Observations of two exceptionally rare transient events	Gregory Brown	£1000	Y	£750
7	24/03/2016		Paleomagnetic study of dusty olivines from Main Group pallasites	Claire Nicholls, Cambridge	£1000	Y	£500
8			Special Session in EWASS 2016 on Promoting Diversity in Astronomy	Dr Violeta Gonzalez-Perez Portsmouth	£600	Y	£600
9			Prizes for IOAA UK team	Charlie Barclay	£480	Y	£480 E&O