

RAS GRANT APPLICATION STATUS REPORT
GRANTS SUBMITTED FOR CONSIDERATION BY 15 FEBRUARY 2015

	Title/Purpose	Applicant and Org.	Amount Requested	Amount Awarded
1.	Undergraduate summer bursary	Ilya Mandel for Fabian Gittins, University of Birmingham	£1200	£1200
2.	ATCA observing and Training	Steve Goldman, Keele	£1000	£1000
3.	HiSPARC Particle Detector at South Bromsgrove High	Dr Ilya Mandel, Birmingham	£5,000	0
4.	Support for attendance at the Flux Emergence Workshop	Dr David MacTaggart, Glasgow	£1680	0
5.	'Back at the Edge of the Universe: Latest results from the deepest astronomical surveys', in Sintra, Portugal, 15-19 March 2015	Nancy Hine, Herts	£500	£500
6.	Undergraduate summer bursary	Christiane Helling St Andrews for Jessica Khaimova	£1200	Ltd to 3 per university
7.	Travel support for conference in Atlanta	Ali Sulaiman, Imperial College London	£755	£755
8.	Outreach event in Herefordshire for partial eclipse of the sun	Dr Paul Olver	£450	0
9.	Undergraduate bursary: Non-LTE Modelling of Eruptive Solar Prominences	Dr Nicolas Labrosse (Glasgow) on behalf of Cristian Gabriel Falcutescu	£1200	Ltd to 3 per uni
10.	Support to attend a spectroscopy workshop at Observatoire de Haute Provence, August 2015	Dr David Boyd	£630	£315
11.	Undergraduate bursary: The environments of Active Galactic Nuclei	Dr Carolin Villforth, St Andrews (on behalf of Bethany Thompson)	£1200	Ltd to 3 per university
12.	Archaeocosmology – linking the hemispheres	Charlie Barclay, Marlborough	£1,000	0
13.	Partial support to attend IAU XXIX General Assembly	Dr Ignacio Ferreras, UCL	£700	£700
14.	Support for a student for a 1 month study outside the UK.	Dr Silvia Zane, UCL on behalf of Denis Canulief Gonzalez	£400	£400
15.	SDM to mark the Birth Centenary of Fred Hoyle (1915-	Simon Mitton	£1,000	0
16.	support travel and accommodation to attend the Lunar and Planetary Science Conference in Houston	Dr Caroline Smith, Natural History Museum on behalf of Stefan Farsang	£692.50	£692.50
17.	Attendance at IUGG General Assembly, Prague, June-July 2015	Prof Michael Rycroft	£1047	£500
18.	student attendance at: The Olympian Symposium on Cosmology & the Epoch of Reionization, Greece 2015	Dr Filipe Abdalla, UCL	£5,000	£3,000
19.	Funds to present results at 29 th IAU General Assembly in Honolulu	Jennifer O'Hara, St Andrews	£1250	£1073
20.	Funding for the Charterhouse	Mark Woodland	£2,000	0

	Exoplanet Project			
21.	Support to attend IRIS 4 Workshop	Peter Levens Glasgow	£765	£765
22.	Travel support to attend Magnetospheres of the Outer Planets meeting	Gregory Hunt, Leicester	£1300	£1120
23.	To present research at IAU General Assembly	Emma Lofthouse, Hertfordshire	£1250	£1250
24.	Undergraduate bursary: study on astronomical quantities for direct dark matter searches	Prof Alexander Murphy, Edinburgh on behalf of Holly Waller	£1200	£1200
25.	Undergraduate bursary: searches for white light flares in Kepler data	Dr Matthew Pitkin, Glasgow	£1200	To be decided by dept
26.	Support to attend Space Asteroseismology W'shop	Dominic Bowman UCLan	£700	£700
27.	Space School UK	Jonathan Nichols, Leicester	£5,000	0
28.	Support to attend 2015 conference "The Extremes of Black Hole Accretion" in Madrid from June 8-10"	Jamie Court, Southampton	£250	£250
29.	Support for UK planetary forum attendance to NAM 2015	Elizabeth Steer, OU	£672	£672
30.	To attend a Workshop Meeting on Active and Passive Seismics in Laterally Inhomogeneous Media	Arjun Datta, Cambridge	£400	£200
31.	Undergraduate bursary: simulating the early stages of planet formation	Guillaume Laibe (St Andrews) on behalf of Maxine Lombart	£1200	To be decided by dept
32.	Travel Support for the Magnetospheres of the Outer Planets Meeting	Licia C Ray, UCL	£820	0
33.	Undergrad bursary: Machine learning algorithms for photometric supernova classification	Michelle Lochner, UCL on behalf of Max Kerr Winter	£1200	0
34.	Attend NASA 2015 Sagan Exoplanet Summer Workshop	Darryl Cooper, OU	£500	0
35.	New & emerging classes of Transients – RAS expert mtg	Dr David Bersier, LJMU	£2,000	£2,000
36.	Support to attend The Soul of High Mass Star Formation	Andrew Rigby, LJMU	£965	£965
37.	Support to attend EWASS 2015	Joe Lyman, Warwick	£570	0
38.	Attend the SPD mtg in USA, April – May 2015	Graham Kerr, Glasgow	£555	£555
39.	Undergrad bursary: Second-order critical points in 2D/3D vector fields	Stephane Regnier, Northumbria on behalf of Sarah Wilson	£1200	£1200
40.	Support for FEW 2015	Zoe Sturrock, St Andrews	£924	£837
41.	Undergraduate research bursary: exo-Zodi and exo-Earths	Andrew C. Fabian, Cambridge on behalf of Dr Grant Kennedy for an undergraduate	£1200	£1200
42.	Attend the IAU General Assembly	Giuseppe Morello, UCL	£1600	£1600

43.	research visit to UCSC and to attend the IAU XXIX General Assembly and IAU Symposium 319	Laura Prichard, Oxford	£680	£680
44.	“Nuclear Physics in Astrophysics VII”, 28th EPS Nuclear Physics Divisional Conference.	Raphael Hirschi, Keele	£2,000	£2,000
45.	Undergrad bursary: The Dynamic Magnetic Zenith	Dan Whiter, Southampton on behalf of Thomas Harrison	£1200	£1200
46.	Black Hole Accretion & AGN Feedback conf, China	Mrs Gulay Gurkan Uygun, Herts	£1000	£930
47.	Support for continuation of Summer Student Project at the IoA, Cambridge	Lorenzo Orfali, Cambridge	£1200	0
48.	Support for Astronomy & Geophysics speakers at the French Café Scientifique in Glasgow	Nicolas Labrosse, Glasgow	£300	£300
49.	Creativity and Curiosity: Conversations Between Artists and Astronomers	Martin Barstow, Leicester	£4,700	0
50.	Undergrad bursary: The Carbonate Silicate Cycle in Coupled Gravitational-Climatic Simulations of Habitable Worlds	Duncan Forgan, St Andrews on behalf of Ben Giblin	£1200	Ltd to 3 per uni
51.	Flux Emergence Workshop 2015 held in HAO, Boulder, Colorado	Eon Jui Lee, St Andrews	£1272	£836
52.	Undergraduate bursary: the evolution of high energy X-ray emission from forming Sun-like stars	Scott Gregory, St Andrews on behalf of Angela Breimann	£1200	To be decided by dept
53.	Magnetospheres of the Outer Planets (MOP) conference, Atlanta	Andrew Smith, Southampton	£900	£900
54.	To attend NAM 2015	Ben Snow, Northumbria	£290	£290
55.	Undergrad bursary at the IoA, Cambridge	Andrew Fabian on behalf of Nathalie Degenaar for a student	£1200	£1200
56.	Attendance at IAU General Assembly, Honolulu, and Cultural Astronomy and Heritage meeting, Hilo, August 2015	Clive Ruggles, Leicester	£2000	£1,000
57.	Attendance at From Super-Earths to Brown Dwarfs: What's Who?, Paris	Zenghua Zhang, Tenerife	£898	£450
58.	SOLARNET Summer School & Workshop	Stephanie Yardley, UCL	£574.50	£574.50
59.	Undergrad bursary: Automated detection of fine-scale structures in the solar atmosphere	Richard Morton, Northumbria on behalf of Oliver Scott	£1200	£1200
60.	Presentation of recent paper at the International Cosmic Ray Conference	Simon R Thomas, UCL	£626	0
61.	Undergrad bursary: Magnetohydrodynamic wave	James McLaughlin, Northumbria on behalf of Dane Spoors	£1200	£1200

	propagation in inhomogeneous solar plasmas			
62.	Space boffins	Sheila Kanani on behalf of Sue Nelson	£5000	£2,000
63.	Present results at IAU General Assembly 2015	Katherine Pattle	£1000	£1,000
64.	Undergrad bursary: the effect of the environment on galaxy evolution: a 3-dimensional study.	Alfonso Aragon-Salamanca, Nottingham	£1200	£1200
65.	Support to travel to Magnetospheres of Outer Planets Conference 2015	Becky Gray, Lancaster	£1780	£890
66.	Undergrad bursary: Understanding emission line galaxies	Alastair Edge, Durham on behalf of Violeta Gonzalez-Perez	£1200	£1200
67.	Undergrad bursary: What are planets made of?	Stephen Serjeant, OU on behalf of Patrick Bourg	£1200	£1200
68.	Support to attend the IAU General Assembly	Lucia Marchetti, OU	£2100	For Dept to decide
69.	UKMHD 2015	Gert Botha, Northumbria	£2000	£2,000
70.	present new results at the Magnetospheres of the Outer Planets (MOP), USA	Nathan Pilkington, UCL	£798	£798
71.	Support to attend IAU GA Honolulu 2015	Helen Fraser, OU	£2000	£1,000
72.	Undergraduate bursary	Seb Oliver, Sussex on behalf of Daniel Callanan	£1200	0
73.	Travel to the International Pulsar Timing Array Meeting	Hannah Middleton, Birmingham	£1140	£1140
74.	Undergrad bursary: The Importance of Gas Exhaustion in Starbursts for Passive Galaxy Formation	Mark Sargent, Sussex on behalf of William Hunter	£1200	£1200
75.	Undergrad bursary: Structural decomposition of images of post-starburst galaxies using GALFIT	Milena Pawlik, St Andrews on behalf of Katherine Harborne	£1200	To be decided by dept
76.	LPSC 2015 Texas	Tiffany Brydges, Oxford	£800	£400
77.	Support to attend the 'Let's Group' Workshop Garching, Germany	Elizabeth Cooke, Nottingham	£383	£383
78.	present research at the Sagan Exoplanet Summer Workshop 2015 hosted by NASA	Ryan Garland, Oxford	£1000	£850
79.	Undergrad bursary: Hinode/EIS toolkit for scientific studies within SunPy	David Long, UCL on behalf of David Pérez-Suárez & Mateo Inchaurrendieta	£1200	£1200
80.	Attendance at two international conferences to present recent work	Michelle Lochner, UCL	£1200	0
81.	Undergraduate bursary: Kinematics and Chemistry of a Candidate Disk around a Massive Protostar	Claudia Cyganowski, St Andrews, on behalf of Ms Pooneh Nazari	£1200	Ltd to 3 per institution
82.	Undergrad bursary: Modelling Biomarkers in Exoplanet Atmospheres to Rule out False	Paul B Rimmer, St Andrews on behalf of Matthew Swayne	£1200	To be decided by dept

	Positives			
83.	Undergrad bursary	Alan Wood, Nottingham Trent on behalf of Liam Hardwick	£680.00	£680
84.	Undergrad bursary	Stephen Wilkins, Sussex on behalf of Laurence Routledge	£1200	£1200
85.	Undergrad bursary: Detectability of Binary MSPs in Optical Surveys	Rene Breton, Manchester on behalf of Christopher Desira	£1200	£1200
86.	Undergrad bursary: The origin of interstellar dust in galaxies	Kate Rowlands, St Andrews on behalf of Anna Oprandi	£1200	Decided by Dept
87.	Support for attendance of Magnetospheres of Outer Planets (MOP) meeting 2015	Marianna Felici, UCL	£1700	£1000
88.	Undergrad bursary: Modelling the radio emission from hot chromospheric solar flares sources	Paolo Simões, Glasgow on behalf of Christopher Osborne	£1200	Decided by Dept
89.	Attend the IAU Symposium 316	Katherine Hollyhead, LJU	£1055	£500
90.	Undergrad bursary: Improved constraints on cosmological parameters with Dark Energy Survey and Baryon Oscillation Spectroscopic Survey angular cross-correlations	Filipe Abdalla, on behalf of Eugenie Chen	£1200	£1200
91.	Long-term visit by PhD student Yanfei Zou	Martin Bureau, Oxford	£1500	£1500 – EA Milne
92.	Undergrad bursary: Modeling the line broadening of extreme UV spectral lines in solar flares	Lyndsay Fletcher, Glasgow on behalf of Kyle Martin	£1200	Ltd to 3 per institution
93.	Undergrad bursary: Why are the Northern and Southern Lights asymmetric?	Steve Milan, Leicester on behalf of Elliott Spender	£1200	£1200
94.	Undergrad bursary	Scott Clay on behalf of Connor Smith	£1200	0
95.	Present at the 4 th Annual MPIA Summer Conf	Nicholas Boardman, St Andrews	£450	£450
96.	Undergrad bursary: X-ray Analysis of Clusters Detected by the Dark Energy Survey	Kathy Romer, Sussex on behalf of Lizi Swann	£1200	£1200
97.	Undergrad bursary: Calculating auroral zone conductivities using SuperDARN and AMPERE data	Jonathan Rae, UCL on behalf of Colm Murphy	£1200	£1200
98.	Surface Manifestations of Uplift in Madagascar	Simon Stephenson, Cambridge	£1460	£730
99.	Lab observations of Mass Wasting	Matthew Sylvest, USA	£5000	£1585
100	attend the conference- ‘Many pathways to Galaxy growth’, Italy and the MPIA summer conference-‘A 3D view of Galaxy evolution’, Heidelberg	Joshua Argyle, St Andrews	£811	£400
101	Undergrad bursary: Studying the heating in solar micro flares with EUV and X-rays	Hannah, Iain, Glasgow on behalf of Andrei Utina	£1200	Ltd to 3 per uni

102	“Catching the wave: The search for gravitational waves.” Exhibition materials and development	Hannah Middleton (2), Birmingham	£3500	£3,500
103	Presentation at Conferences	Bruno Moraes, UCL	£1705	0
104	Undergrad bursary: Solar wind influence on the dynamics of Earth’s magnetopause	Clare Watt, Reading on behalf of Miles Lemmer	£1200	£1200
105	Supporting early-career researchers attending Early E-ELT Science: Spectroscopy with HARMONI	Aprajita Verma, Oxford	£2500	£2500
106	Your Universe, the tenth UCL festival of astronomy	Francisco Diego, UCL	£3287.50	0
107	Support for attendance at the EGU General Assembly	Alice Foster, UCL	£300	£300
108	Support for international collaboration with Chile/US	Marco Rocchetto, UCL	£1500	£750
109	Present at the at the Magnetospheres of the Outer Planets meeting this June in Atlanta	Japheth Yates, Imperial College London	£998	0
110	Conference support for IAU general assembly 2015	Natalia Pascual, OU	£1000	£1,000
111	Mock galaxy catalogues for accurate cosmology	Marc Manera, UCL	£2580	0
112	attend the European Lunar Symposium (ELS) & and European Planetary Science Congress (EPSC)	Huma Irfan, Birkbeck	£1665.61	£400
113	Undergrad bursary: Type Ia Supernovae – Standardisable Candles?	Mark Sullivan, Southampton on behalf of Florence Concepcion	£1200	£1200
114	Travel Grant Application	Myfanwy Lloyd, Manchester on behalf of Peter Pedersen	£650	£650
115	Undergrad bursary: feedback from massive embedded protostars	Melvin Hoare, Leeds on behalf of Amy Whitney	£1200	£1200
116	Undergrad bursary: physical properties of real and simulated galaxies derived by their spectra	Anne-Marie Weijmans, St Andrews on behalf of Noelia Jiménez Martínez for undergrad	£1200	To be decided by dept
117	attend UK Exoplanet meeting	Deepak Mahtani, Keele	£78.75	£78.75
118	Planetwartz: a Musical Composition Marking the New Horizons Pluto-Charon Flyby in July 2015	Steve Miller, UCL	£4420	0
119	The Apollo Archive	Charles Simpson	£2,500	0
120	The energetic significance of outflows in the bulges of nearby radio galaxies	Clive Tadhunter on behalf of Jonathon Pierce, Sheffield	£1200	£1200
121	Participate in 46 th Lunar & Planetary Science Conf	Jenna Pasini	£763.07	0
122	Support for 2015 MUAN meeting at Lancaster Uni	Jim Wild	£2000	£2000

123	Request for Financial Support to Present an Oral Paper at “the European cooperation in science and technology workshop on Polarisation and Active Galactic Nuclei”.	Helen Jermak LJMU	£250	£250
124	Application for funding for iPTF summer school	Christopher Ashall LJMU	£485	£485
125	Conference of Astronomy and Physics Students, Manchester	Salvish Gomanee	£65	£65
126	Emergency Travel Grant for undergrad: Ms Ioana Ciuca	Prof Ray Sharples, Durham	£800	£500