

RAS GRANT APPLICATION STATUS REPORT
GRANTS SUBMITTED FOR CONSIDERATION BY 15 FEBRUARY 2012

	Title/Purpose	Applicant and Org.	Amount Awarded
1.	Neural Networks used as probability distribution function estimators for photo-z	Abdalla, Dr Filipe Batoni on behalf of Ms. Shaghayegh Parsa (FRAS in application) Department of Physics and Astronomy University College London WC1E 6BT fba@star.ucl.ac.uk	£1140
2.	Undergraduate Research Bursary	Abraham, Miss Nicola	£1080
3.	RAS Undergraduate Research Bursary Application: Measuring Water Vapour in the Atmosphere of Mars using ExoMars/PanCa	Arridge, Dr Christopher on behalf of Mr T. Culwick Mullard Space Science Laboratory University College London Holmbury St. Mary Dorking, Surrey RH5 6NT csa@mssl.ucl.ac.uk	£1080
4.	Production of an astronomical documentary entitled "Transparent skies – the battle for light through darkness"	Augusto, Professor Pedro	Nil
5.	Support to attend and present research at IAU XXV111 General Assembly	Ms Bailey, Mandy (Amanda)	£920
6.	Internship at the Australian Astronomical Observatory	Dr Bamford, Steven on behalf of Ms G. Iacobiță School of Physics and Astronomy, The University of Nottingham, University Park, Nottingham, NG7 2RD steven.bamford@nottingham.ac.uk	Nil: Grant awarded by Australian Astronomical Observatory
7.	Deep Space High	Barclay, Mr Charles on behalf of Mr Gregory Watson	£2500
8.	A global collaboration to observe the 2012 Transit of Venus	Baruch, Dr John Robot Telescope Group School of Informatics University of Bradford Bradford BD7 1DP john@telescope.bradford.ac.uk	£2500
9.	Shetland Isles Astronomy Lecture Series	Brown, Prof. John C. Astronomer Royal for Scotland, Physics & Astronomy, U.Glasgow, G12 8QQ john.brown@glasgow.ac.uk	£700

10.	Application for funds for a PhD student to present thesis results at the IAU General Assembly 2012	Burke, Miss Claire LJMU, Astrophysics Research Institute, Twelve Quays House, Egerton Wharf, Birkenhead, Wirral CH41 1LD	£1000
11.	Application for Support for a Collaborative Visit to Stanford University	Canning, Miss Rebecca Institute of Astronomy University of Cambridge Madingley Road CB3 0HA	£600
12.	Cosmic ray-induced astrochemistry	Cappellari, Dr Michelle on behalf of Dr E. Bayet Sub-Department of Astrophysics University of Oxford Keble Road Oxford OX1 3RH cappellari@astro.ox.ac.uk	Nil
13.	Support to attend the "17th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun" also known as "CoolStars17"	Cegla, Ms. Heather Astrophysics Research Centre Queen's University Belfast University Road Belfast BT7 1NN hcegl01@qub.ac.uk; ceglache@gmail.com	£700
14.	Radio Emission from Protostellar Jets (Undergraduate Research Bursary)	Charles, Professor Phil on behalf of Mr R. Barbhuiyan (Student) Physics & Astronomy University of Southampton Southampton SO17 1BH p.a.charles@soton.ac.uk; A.Scaife@soton.ac.uk	£1080
15.	Summer studentship in radio emission from accreting black holes	Charles, Professor Phil on behalf of Professor R. Fender (Supervisor) Physics & Astronomy University of Southampton Southampton SO17 1BH p.a.charles@soton.ac.uk	£1080
16.	Embedded star clusters in the Magellanic Clouds with the VMC survey	Cioni, Dr Maria-Rosa on behalf of Miss Krista Romita	500 Euros
17.	Travel grant award Japan collaboration visit	Coe, Professor Malcolm on behalf of Mr John R. Jones Physics & Astronomy, University of Southampton, SO17 1BJ mjco@soton.ac.uk	£500
18.	Far IR study of X-ray binaries in the SMC	Coe, Professor Malcolm on behalf of J. Kirk Physics & Astronomy, University of Southampton, SO17 1BJ mjco@soton.ac.uk	£1080

19.	Comparing star formation in model and real merging galaxies	Collier Cameron, Professor Andrew on behalf of Dr V. Wild School of Physics & Astronomy University of St Andrews North Haugh St Andrews KY16 9SS aac4@st-andrews.ac.uk	£1080
20.	Undergraduate Research: How many Galaxies are in the Universe?	Conselice, Professor Christopher on behalf of Mr A. Wilkinson University of Nottingham University Parks Nottingham NG7 2RD conselice@nottingham.ac.uk	£500
21.	An Undergraduate Research Project: The Youngest Radio Sources	Cotter, Dr Garret Oxford Astrophysics Denys Wilkinson Building Keble Road Oxford OX1 3RH garret@astro.ox.ac.uk	£1080
22.	Star Formation Rates in the Early Universe	Coulton, Mr William	£1080
23.	BGA Conference Grant	De Gaetano, Miss Denise (FRAS in app.) University of Ulster, Life & Health Sciences, Environmental Sciences, Room G1101, Cromore Road, Coleraine, BT52 1SA De_Gaetano-D@email.ulster.ac.uk	Nil
24.	Quantifying the Intra Cluster Light in N-Body Simulations	Debattista, Dr Victor Jeremiah Horrocks Institute, University of Central Lancashire, Preston, PR1 2HE, UK vpdebattista@gmail.com	£1080
25.	Searching for benchmark brown dwarfs in the WIRED survey	Dhillon, Professor Vikram on behalf of S. Littlefair Dept. of Physics & Astronomy University of Sheffield Sheffield S3 7RH vik.dhillon@sheffield.ac.uk	£1080
26.	The effect of stars on the fate of galaxies	Edge, Dr Alistair on behalf of Dr V. Gonzalez-Perez Department of Physics University of Durham South Road Durham DH1 3LE alastair.edge@durham.ac.uk	£1080
27.	Photometric analysis of stellar populations in preparation for VLT-KMOS	Evans, Dr Christopher on behalf of Hangard, Miss Laura UK Astronomy Technology Centre, Royal Observatory Edinburgh, Blackford Hill, Edinburgh, EH9 3HJ	£1000

28.	Formation of Meteoric Smoke in Planetary Atmospheres	Falle, Professor Sam on behalf of Professor John Plane Department of Applied Mathematics, University of Leeds, Leeds, LS2 9JT sam@maths.leeds.ac.uk	£1080
29.	An investigation of the early phase of solar flares: Proposal for a summer undergraduate research project	Fletcher, Dr Lyndsay on behalf of Mr S. Grant School of Physics and Astronomy University of Glasgow Glasgow G12 8QQ lyndsay.fletcher@glasgow.ac.uk	£1080
30.	Undergraduate Research Bursary "Instabilities in Solar Coronal Mass Ejections"	Foullon, Dr Claire on behalf of Miss S. Yardley Physics Department, University of Warwick, Coventry CV4 7AL Claire.Foullon@warwick.ac.uk	£1080
31.	Support for Amateur Astronomy Societies during BBC Stargazing Live 2012	George, Dr Samuel Astrophysics Group The Cavendish Laboratory JJ Thomsen Avenue University of Cambridge Cambridge CB3 0HE sgeorge@mrao.cam.ac.uk	£2000
32.	Application for a Conference Grant	Goodbody, Mr Brendan	£276.65
33.	Gill-100	Haley, Mr Paul	£1080
34.	A study of solar microflares with RHESSI and SDO Proposal for a summer undergraduate research project	Hannah, Dr Iain on behalf of Miss G. Young School of Physics & Astronomy University of Glasgow Glasgow G12 8QQ iain.hannah@glasgow.ac.uk	£1080
35.	Request for travel money for "Interacting Galaxies and Binary Quasars: A Cosmic Rendezvous" meeting in Trieste, Italy	Harris, Dr Kathryn	£160
36.	Applying new data on TiO ₂ clusters computation to the dust nucleation processes of cloud formation in Brown Dwarfs and Exoplanets	Helling, Dr habil Christiane on behalf of Graham Lee University of St Andrews, School of Physics & Astronomy North Haugh, St Andrews, KY16 9SS CH@LEAP2010.eu	£1080
37.	A robust method for probing galaxy luminosity evolution	Hendry, Professor Martin School of Physics and Astronomy University of Glasgow Glasgow G12 8QQ Martin.Hendry@glasgow.ac.uk	£1080

38.	Support for Continued Collaborations with UCSD on Data from the Solar Mass Ejection Imager (SMEI)	Hounsell, Miss Rebekah Astrophysics Research Institute Liverpool John Moores University Twelve Quays House Egerton Wharf Birkenhead, Wirral CH41 1LD rah@astro.livjm.ac.uk	£450
39.	Construction of light-cones from massive simulated datasets	Iliev, Dr. Ilian on behalf of Mr P.-J. Deadman Astronomy Centre University of Sussex Falmer, Brighton BN1 9QH I.T.Iliev@sussex.ac.uk	£1080
40.	Funding for travel and subsistence costs to attend 'cities on volcanoes' conference (19-23 Nov 2012)	Karl, Miss Sandra (In application to be an FRAS) School of Earth and Environment University of Leeds Leeds LS2 9JT eeskar@leeds.ac.uk	£685
41.	Undergraduate research bursary: the binary fraction of brown dwarfs and the L-to-T transition	King, Dr Robert on behalf of Matthew Read Astrophysics Group University of Exeter Stocker Road Exeter EX4 1EN rob@astro.ex.ac.uk	£1080
42.	Support for attendance of the 13 th symposium of study of earth's deep interior (SEDI 2012, Leeds)	Koelemeijer, Miss Paula Bullard Laboratories Madingley Rise House Madingley Road Cambridge CB3 0EZ pjk4g@cam.ac.uk	£275
43.	Flare accelerated electrons from the Sun to the Earth	Kontar, Dr Eduard on behalf of R. Mackenzie Kelvin Building School of Physics & Astronomy University of Glasgow Glasgow G12 8QQ eduard@astro.gla.ac.uk	£1080
44.	Investigating solar prominence properties over the last solar cycle	Labrosse, Dr Nicolas on behalf of Mr S. Brown School of Physics and Astronomy, University of Glasgow, Glasgow G12 8QQ Nicolas.Labrosse@glasgow.ac.uk	£1080
45.	Investigating solar prominence properties using 2D radiative transfer models	Labrosse, Dr Nicolas on behalf of Mr K. McGlinchey School of Physics and Astronomy, University of Glasgow, Glasgow G12 8QQ Nicolas.Labrosse@glasgow.ac.uk	Nil
46.	Summer Student Project: GALFACTS	Leahy, Dr J.P. on behalf of Ms S. Baci Jodrell Bank Centre for Astrophysics University of Manchester Manchester M13 9PL j.p.leahy@manchester.ac.uk	£1080

47.	Application for travel to The Great Andromeda Galaxy workshop	Magorrian, Dr John on behalf of Mr C. Brown Rudolf Peierls Centre for Theoretical Physics 1 Keble Road, Oxford OX1 3NP magog@thphys.ox.ac.uk	Nil
48.	RAS grant application for the 13 th Symposium of SEDI	Mäkinen, Ms A. Bullard Laboratories Dept. Of Earth Sciences University of Cambridge Madingley Rise Cambridge CB3 0EZ amm210@cam.ac.uk	£275
49.	Support to attend a conference on MHD Waves and Seismology of the Solar Atmosphere	Mathioudakis, Prof. Mihalis on behalf of Mr Peter Keys Astrophysics Research Centre, School of Mathematics and Physics, Queen's University Belfast, Belfast, County Antrim, BT7 1NN pkeys02@qub.ac.uk	£500
50.	Application for travel funding to attend the 2012 BUKS workshop (Crete, Greece, July 2012)	McLaughlin, Dr James Room 101, Pandon Building School of Computing, Engineering and Information Sciences Northumbria University Newcastle Upon Tyne NE1 8ST james.a.mclaughlin@northumbria.ac.uk	£550
51.	Undergraduate Research Bursary	Mr Ryan, James The University of Kent INGRAM Building Canterbury CT2 7NH j.miao@kent.ac.uk	£1080
52.	International Pulsar Timing Array (IPTA) 2012 Student Workshop and Science Meeting (20-29 June, Sydney, Australia)	Mingarelli, Miss Chiara M.F.	£1000
53.	Travel grant for international conference attendance at BUKS 2012 – MHD waves and seismology of the solar atmosphere, Crete, 4th – 7th July 2012	Morton, Dr Richard SOMAS, Hicks Building Sheffield, S3 7RH r.j.morton@sheffield.ac.uk	£500
54.	Support to present results at AbSciCon 2012, Atlanta, USA	Nixon, Miss Sophie School of Physics and Astronomy University of Edinburgh Room 5301, James Clerk Maxwell Building Mayfield Road, Edinburgh EH9 3JZ s.l.nixon@ed.ac.uk	£1000
55.	Radio Emission from Nova Outbursts (Undergraduate Research Bursary)	O'Brien, Dr Tim on behalf of Mr G. Ashworth Jodrell Bank Centre for Astrophysics University of Manchester, Oxford Rd, Manchester M13 9PL tim.obrien@manchester.ac.uk	£1080

56.	Statistical identification of counterparts to Herschel galaxies	Oliver, Professor Seb on behalf of R. Harries Astronomy Centre Dept, of Physics and Astronomy University of Sussex Brighton, BN1 9QH S.Oliver@Sussex.ac.uk	£1080
57.	The Earthquake Observatory Project	Olver, Dr Paul	£1800
58.	Studying the mass loss from mass accreting stars	Oudmaijer, Professor René on behalf of J. Miller School of Physics and Astronomy University of Leeds, Leeds, LS2 9JT r.d.oudmaijer@leeds.ac.uk	£1080
59.	Dark Sky Tourism on Saint Helena	Owens, Mr Steve on behalf of Mr Vince Thompson	Nil
60.	Determination of the Cenozoic Uplift History of Madagascar	Paul, Mr Jonathan Bullard Laboratories, Department of Earth Sciences, University of Cambridge, Madingley Rise, Madingley Road, Cambridge CB3 0EZ jdp43@cam.ac.uk	Nil
61.	Application for funding towards costs for travel to UCL for collaboration on GPS satellite orbit modelling.	Petrie, Dr Elizabeth Cassie Building School of Civil Engineering & Geosciences Newcastle University Newcastle upon Tyne NE1 7RU Elizabeth.Petrie@newcastle.ac.uk	£898.40
62.	The Second Workshop on Gravitational Wave Bursts: Astrophysics, Data Analysis and Numerical Relativity	Pitkin, Dr Matthew on behalf of Dr Ik Siong Heng School of Physics & Astronomy University of Glasgow Glasgow G12 8QQ matthew.pitkin@glasgow.ac.uk	Nil
63.	Reconnection rate for an X-class flare observed by the Solar Dynamics Observatory	Regnier, Dr Stephane on behalf of M James Shorter Jeremiah Horrocks Institute University of Central Lancashire Preston, PR1 2HE, UK SRegnier@uclan.ac.uk	£1080
64.	Exoplanet Smartphone App	Rein, Mr Hanno Institute for Advances Study 1 Einstein Drive Princeton NJ, 08540 USA rein@ias.edu	£2000

65.	Support to attend conference: The IAU XXVIII General Assembly	Ribeiro, Dr Valerio Department of Astronomy University of Cape Town Private Bag X3 Rondebosch 7701, South Africa v.ribeiro@ast.uct.ac.za	£750
66.	Optimizing the Dark Energy Survey Strategy (using X-ray clusters)	Romer, Dr Kathy on behalf of Ms Hannah Wilson Astronomy Centre University of Sussex Pevensey 2 Building Brighton, BN1 9QH romer@sussex.ac.uk	£1080
67.	Application for support to attend a conference in Hunter Valley, Australia entitled "Multiwavelength Surveys: A Vintage Decade" hosted by CSIRO/AAO Southern Cross conference series	Rowlands, Miss Kate School of Physics & Astronomy University Park Nottingham NG7 2RD ppxkr@nottingham.ac.uk	£880
68.	Attendance at Mega-SAGE Meeting in Tokyo, Japan in May 2012	Ruffle, Dr Paul	Nil
69.	Coronal Loop Oscillations: Proposal for a Summer Undergraduate Research Project	Russell, Dr Alexander on behalf of Mr Peter Wakeford Room 620, Kelvin Building University of Glasgow Glasgow G12 8QQ alexander.russell@glasgow.ac.uk	£1080
70.	Visualising the Cosmos	Sharples, Professor R.M. on behalf of Professor R. Bower Institute for Computational Cosmology University of Durham South Road Durham DH1 4LR r.m.sharples@durham.ac.uk	£1080
71.	Extragalactic Astrophysics explored through Public Engagement	Stanway, Dr Elizabeth on behalf of Mr Wong Department of Physics University of Warwick Gibbet Hill Lane Coventry CV4 7AL E.R.Stanway@warwick.ac.uk	£1080
72.	Islington Space Festival	Swinscoe, Mr David City and Islington College, 283-309 Goswell Road, London EC1V 7LA david.swinscoe@candi.ac.uk	£1500
73.	Dynamical evolution of star-forming complexes	Tadhunter, Professor Clive on behalf of Dr Simon Goodwin Department of Physics & Astronomy University of Sheffield Hounsfield Road Sheffield, S3 7RH c.tadhunter@sheffield.ac.uk s.goodwin@sheffield.ac.uk	£1080

74.	Application for RAS Travel Grant to attend the BUKS 2012 Workshop in Coronal Physics (Crete, Greece 4-7 th July 2012)	Thurgood, Mr Jonathan Department of Mathematics & Statistics Northumbria University Pandon Building Camden Street Newcastle NE2 1XE jonathan.thurgood@northumbria.ac.uk	£550
75.	Gravitational Wave Physics and Astronomy Workshop 2012 (GWPAW)	Vousden, Mr Will	Nil
76.	The Diamond Jubilee of the Society for Popular Astronomy	Walker, Dr Helen STFC Rutherford Appleton Laboratory, Building R68, Harwell Science and Innovation Campus, Harwell Oxford Didcot, Oxon OX11 0QX helen.walker@stfc.ac.uk	£3500
77.	Remote-Sensing of Magnetospheric Substorms Via Auroral Imaging (RAS Undergraduate Research Bursary Application)	Wild, Dr James on behalf of Hannah Laurens Space Plasma Environment and Radio Science Group Department of Physics Lancaster University Lancaster, LA1 4YB j.wild@lancaster.ac.uk	£1080
78.	Building a web based interface to explore the HUDF	Wilkins, Dr Stephen Department of Physics Denys Wilkinson Building Keble Road Oxford OX1 3RH Stephen.wilkins@physics.ox.ac.uk	£900
79.	Undergraduate Research Bursaries	Wu, Professor Kinwah on behalf of Mr S.-I. Kruk Mullard Space Science Laboratory University College London Holmbury St Mary, Dorking Surrey RH5 6NT kw@mssl.ucl.ac.uk	£1080
80.	Undergraduate research bursary for G. Callender	Yeates, Dr Anthony on behalf of G. Callender Department of Mathematical Sciences Durham University Science Laboratories South Road Durham DH1 3LE anthony.yeates@durham.ac.uk	£1080
81.	Electrons and ions in magnetized plasmas	Young, Dr Andrew on behalf of Mr M. Jones H. H. Wills Physics Laboratory Tyndall Avenue Bristol BS8 1TL andy.young@bristol.ac.uk	£1080
82.	Travel to the 17th "Cambridge Workshop on Cool Stars, Stellar Systems and the Sun" (referred as Cool Stars 17 or CS17) in Barcelona in 24-29 2012	Zhang, Mr ZengHua Centre for Astrophysics Research, STRI University of Hertfordshire Hatfield AL10 9AB zenghuazhang@gmail.com	£600

GRANTS SUBMITTED FOR CONSIDERATION BY FOR NAM 2012 (DEADLINE 15 FEBRUARY)

	Applicant and Org.	Amount Requested	Fund (Y/N)	Amount Awarded
1.	Ryan, Miss Amanda Astrophysics Group, Keele University, Staffordshire ST5 5BG aryan@astro.keele.ac.uk	£90.50	Y	£90.50