

## NAM2007 All posters (Session Order)

Session	Location	Student	Abstract_ no	Name_first	Name_family	Affiliation	Title
P02: Clusters and Groups	Greenbank Café		L2.1	Roger	Clowes	(Central Lancashire)	New Results on Two Large Quasar Groups: Populations of Lyman-break Galaxies
	Greenbank Café		L2.2	Avon	Huxor	(Bristol) S	
	Greenbank Café	Student	P2.4	Owain	Snaith	(Central Lancashire)	earch for Ultra-Compact Dwarf Galaxies in the Coma ACS Survey
	Greenbank Café	Student	P2.7	Samantha	Penny	(Nottingham)	Origin and Evolution of Groups of Galaxies
	Greenbank Café	Student	P2.13	Abdulaziz	Alareedh	(Bristol)	Keck Spectroscopy of Dwarf Galaxies in the Perseus Cluster New Candidate for OCRA SZ-Effect Observation
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.3	Matt	Darnley	(Liverpool JMU)	The ANGSTROM Project Alert System: Real-time Detection of Extragalactic Microlensing
	Greenbank Café	Student	P3.5	Angela	MacDonald	(Central Lancashire)	Isotopic Abundances in the Metal-rich Solar Neighbourhood
	Greenbank Café	Student	P3.7	Stuart	Sale	(Imperial College)	3D Extinction Mapping in the Galactic Plane with IPHAS Photometry
	Greenbank Café		P3.8	Jonathan	Duke	(Liverpool JMU)	The ANGSTROM Project: A Progress Report
P04: Simulating Galaxies with Sub-Grid Physics	Greenbank Café	Student	L4.1	Tomas	Tecce	(IAFE)	Modeling the Formation and Evolution of Dwarf Galaxies
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.1	Timothy	Garn	(Cambridge)	Deep 610MHz Surveys Using the GMRT
	Greenbank Café	Student	P5.3	Ilani	Loubser	(Central Lancashire)	Investigating Stellar Populations in cD Galaxies
	Greenbank Café	Student	P5.7	Melanie	Hawthorn	(Cambridge)	Extremely Red Stellar Objects in the UKIDSS-LAS: What Are They?
	Greenbank Café	Student	P5.8	Ben	Rogers	(King's College)	PCA and the Star Formation History of SDSS Early-Type Galaxies
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café		P7.1	Philip	Hughes	(Michigan)	Modeling the Structure of Gamma-ray Blazar PKS 1510-089
	Greenbank Café	Student	P7.3	Amelia	Bliss	(Bristol)	Unmasking the AGN in J2310-437

P08: Starburst Galaxies P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café	Student	P7.4	Fred	Dulwich	(Bristol)	Multi-band Imaging and Polarimetry of Kiloparsec-scale Jet Emission in Nearby Active Galaxies
	Greenbank Café	Student	P7.12	Joanna	Goodger	(Hertfordshire)	Inverse Compton Emission from the Lobes of 3C353
	Greenbank Café		P8.5	Mark	Westmoquette	(UCL)	The Environment in the Starburst Core of M82
	Greenbank Café		P10.1	Edwin	Budding	(Carter Observatory) A	bsolute Stellar Parameters and the Dependence on Galactic Environment
	Greenbank Café	Student	P10.5	Jaeil	Cho	(Durham)	Globular Cluster Systems of Early-type Galaxies in Low-density Environments
	Greenbank Café		P10.6	Ute	Fritze	(Hertfordshire)	Star Formation and Star Cluster Formation: Universally-interrelated or Environment-dependent?
P11: Future Directions of Astero- and Helio-seismology P12: Explosive and Quiescent Stellar Mass Loss	Greenbank Café	Student	P10.8	Richard	Parker	(Sheffield)	Do O-type Stars Form in Isolation?
	Greenbank 201		P11.1	Vladimir	Elkin	(Central Lancashire)	High Spectral and Time Resolution Observations of eoAp Stars with the ESO VLT
	Greenbank 201		P12.4	Tom	Lloyd-Evans	(St. Andrews)	Spectroscopic Monitoring of Mass-losing Stars
	Greenbank 201		P12.6	Stewart	Eyres	(Central Lancashire)	RS Oph: The Most Erupted Recurrent Nova
	Greenbank 201		P12.11	Matt	Darnley	(Liverpool JMU)	Extragalactic Classical Nova Monitoring & Surveys
	Greenbank 201	Student	P12.12	Laurence	Sabin	(Manchester)	The IPHAS Nbeluae Database
	Greenbank 201		P12.13	Albert	Zijlstra	(Manchester)	The Rise and Fall of CK Vul
	Greenbank 201	Student	P12.15	Hannah	Worters	(Central Lancashire)	Sakurai's Object: An Indicator of the 13C Contribution from Intermediate Mass Stars
	Greenbank 201	Student	P12.16	Hannah	Worters	(Central Lancashire)	What Makes RS Oph Go Off?
	Greenbank 201		P12.17	Myfanwy	Lloyd	(Manchester)	Observing the Relationship Between Close Binary Central Stars and their Planetary Nebulae
	Greenbank 201		P12.18	Mark	Rushton	(Central Lancashire)	How Peculiar is DZ Crucis?
	P13: Characterising Exoplanets: Theory and Observation	Greenbank 201		L13.1	Matt	Burleigh	(Leicester)
Greenbank 201			L13.2	Matt	Burleigh	(Leicester)	Limits on Planets around White Dwarf Stars

	Greenbank 201	Student	P13.1	Samuel	George	(Birmingham)	Radio Observations of Extrasolar Planets
	Greenbank 201		P13.6	Yiannis	Tsapras	(Liverpool JMU)	The RoboNet Project
	Greenbank 201	Student	P13.8	James	Jenkins	(Hertfordshire)	Metallicities and Activities of Southern Stars
	Greenbank 201		P13.10	Martin	Dominik	(St. Andrews)	An Anomaly Detector with Immediate Feedback to Hunt for Planets of Earth Mass and Below by Microlensing
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	L15.1	James	Clarke	(Hertfordshire)	Searching for Cool Dwarfs and Wide Binary Systems in Moving Groups
	Greenbank 201	Student	L15.2	Paul	Steele	(Leicester)	A Near-IR Spectroscopic Search for Low Mass Companions to Peculiar White Dwarfs
	Greenbank 201		P15.1	Philip	Davis	(Open University)	Present-day Populations of Post-Common Envelope Binaries and Gap Crossing Cataclysmic Variables
	Greenbank 201	Student	P15.2	Natasha	Jackson	(Birmingham)	Jet Formation by High Radiation Pressure
	Greenbank 201	Student	P15.4	Francesca	Faedi	(Leicester)	A Variability Study of White Dwarfs in WASP Data
	Greenbank 201		P15.5	Nigel	Hambly	(Cambridge)	The Brown Dwarf Mass Function from UKIDSS Galactic Clusters Survey Observations
	Greenbank 201		P15.6	Falk	Herwig	(Keele)	Multi-dimensional Simulations of Helium Shell Flash Convection
	Greenbank 201	Student	P15.12	Ralph	Eatough	(Manchester)	Searching for Relativistic Binary Pulsars in the Galactic Plane
	Greenbank 201	Student	P15.14	Jeanette	Gladstone	(Durham)	Neutron Star and Black Hole Transitions: The Origin of Hysteresis
P16: Stellar Variability	Greenbank 201		P16.1	Lars	Freyhammer	(Central Lancashire)	Fast Spectroscopy of the Pulsating Double Star Delta Delphini
P17: Star Formation	Greenbank 201		L17.1	Peter	Sarre	(Nottingham)	High-resolution Spectroscopy of Emission Bands of PAHs and Nanodiamonds In Extended Objects
	Greenbank 201		P17.3	Dave	Nutter	(Cardiff)	The Taurus Molecular Ring: A Bulls Tale
	Greenbank 201		P17.4	Elizabeth	Stanway	(Bristol)	Characterising a Halo Population of M-dwarf Stars
	Greenbank 201	Student	P17.5	Danae	Polychroni	(Liverpool JMU)	Mapping W3 Giant Molecular Cloud with HARP-B
	Greenbank 201		P17.6	Peter	Sarre	(Nottingham)	UIR Bands in the Red Rectangle and Other Objects

P18: Solar and Stellar Magnetic Fields	Greenbank 201		P17.8	Bill	Dent	(UK-ATC)	Dynamics of Molecular Gas in the Rosette Nebula
	Greenbank 201		P17.11	Dimitris	Stamatellos	(Cardiff)	A Revised Core Mass Function for the rho Oph Main Cloud
	Greenbank 201	Student	P17.12	Suzanne	Prescott	(Exeter)	Molecular Clouds in the Galaxy
	Greenbank 202		L18.1	Mitchell	Berger	(UCL)	Twist & Writhe of Kink-unstable Magnetic Flux Ropes
	Greenbank 202		P18.1	Vasilis	Archontis	(St. Andrews)	Emergence and Interaction of Magnetic Fields in the Sun
	Greenbank 202	Student	P18.2	Anthony	Yeates	(St. Andrews)	Modeling the Global Solar Corona: Application to Filament Chirality
	Greenbank 202		P18.3	Kurom	Kiyani	(Warwick)	Self-similar Signature of the Active Solar Corona within the Inertial Range of Solar Wind Turbulence
	Greenbank 202		P18.4	Nicolas	Bian	(Manchester)	Magnetoconvection in a Sheared Horizontal Magnetic Field
	Greenbank 202		P18.5	Gert	Botha	(Leeds)	Formation of Azimuthal Structure Around Pores and Sunspots
	Greenbank 202		P18.7	Eun-jin	Kim	(Sheffield)	Long-term Dynamics of the Magnetised Solar Tachocline
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P18.8	Richard	Henwood	(RAL)	Extremal Statistics of Maximum Sunspot Group Size from Greenwich Group Reports 1874-1976
	Greenbank 202	Student	P18.9	David	Perez-Suarez	(Armagh)	Delving in Bright Spots
	Greenbank 202		P18.10	Hugh	Potts	(Glasgow)	Small-scale Magnetic Energy Release Driven by Photospheric Flows
	Greenbank 202	Student	L19.1	Fiona	Kirton	(Glasgow)	Langmuir Wave Turbulence in an Inhomogeneous Plasma
	Greenbank 202		P19.1	Mai Mai	Lam	(BAS)	A New Model of Earth's Outer Radiation Belt Electrons
	Greenbank 202	Student	P19.2	Robert	McKay	(Glasgow)	Fast Alfvén Wave Heating and Acceleration of Ions in a Non-Uniform Magnetoplasma
	Greenbank 202	Student	P19.3	Nicholas	Owen	(St. Andrews)	Forward Modeling of Slow Wave Propagation in the Solar Atmosphere
	Greenbank 202		P19.5	David	Tsiklauri	(Salford)	A Minimal Model of Parallel Electric Field Generation in a Transversely Inhomogeneous Space and Solar Plasma
	Greenbank 202		P19.6	Bo	Li	(Wales)	Propagation of non-WKB Alfvén Waves in a Multicomponent Solar Wind with Differential Ion Flow
	Greenbank 202		P19.8	James	McLaughlin	(St. Andrews)	3D MHD Wave Behaviour in Active Regions: Individual Loop Density Structure

	Greenbank 202	Student	P19.9	Patrick Daum	(Lancaster)	Global MHD Simulations and their Utilisation to Enlarge Multi-point in-situ Observations
	Greenbank 202	Student	P19.10	Gary Verth	(Sheffield)	Magneto-seismology of the Solar Corona
	Greenbank 202	Student	P19.14	Pete Tullet	(Lancaster)	ULF Wave Direction Finding on the 0.5MHz to 5MHz Band using SAMNET
	Greenbank 202		P19.15	Valentina Zharkova	(Bradford)	Role of Plasma Instabilities in Particle Acceleration in a 3D Reconnecting Current Sheet
	Greenbank 202		P19.16	Abhishek Kumar Srivastava	(Armagh)	On the Signature of MHD Waves in Coronal Holes
	Greenbank 202		P19.18	Tom Van Doorselaere	(Warwick)	Detection of a Double Periodicity in an Oscillating Coronal Loop
	Greenbank 202	Student	P19.19	Christopher Clack	(Sheffield)	Alfven Resonance in the Solar Corona
	Greenbank 202	Student	P19.21	Mark Douglas	(Sheffield)	MHD Waves at a Spherical Interface: Modeling EIT Waves
	Greenbank 202		P19.23	Fedun Viktor	(Sheffield)	MHD Sausage Waves in Compressible Magnetically Twisted Flux Tubes
	Greenbank 202	Student	P19.24	Andrew Newton	(Sheffield)	Regulation of Turbulent Transport using Oscillating Shear Flows
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	L20.1	Steven Chapman	(Central Lancashire)	On the Variation of Coronal Holes with Solar Cycle
	Greenbank 202		P20.4	Stephen Bradshaw	(Imperial College)	A Hybrid Fluid-Kinetic Approach to Modeling the Solar Corona
	Greenbank 202		P20.5	Jane Noglik	(Central Lancashire)	The Temperature Structure of Solar Atmospheric Plasma Loops: Pros and Cons of CDS and TRACE
	Greenbank 202		P20.7	Huw Morgan	(Hawaii)	Twisted Sheet Structures and the Appearance of Coronal Streamers at Solar Maximum
	Greenbank 202		P20.8	Nicolas Labrosse	(Wales)	Solar Prominence Diagnostics: Observations and NLTE Modeling
	Greenbank 202		P20.9	Nicolas Labrosse	(Wales)	OVI and H2 Lines in Sunspots
	Greenbank 202		P20.10	Nicolas Labrosse	(Wales)	The HeII 304A Line in Eruptive Prominences
	Greenbank 202		P20.11	Huw Morgan	(Hawaii)	Observations of the FeXI 789.2nm Coronal Line During the Total Solar Eclipse of 29 March 2006
	Greenbank 202		P20.12	Martin Barstow	(Leicester)	Probing White Dwarf Environments with High-resolution UV Spectroscopy
	Greenbank 202		P20.13	Danielle Bewsher	(RAL)	A Benchmark Event Sequence for Mass Ejection Onset Studies
	Greenbank 202	Student	P20.14	Cristina Chifor	(Cambridge)	Thermal and Non-thermal Diagnostics of a M4.9 Flare on 2003 January 7/8 Observed by RESIK

	Greenbank 202		P20.17	John Brown	(Glasgow)	The Standard Thick Target of Solar Flares - Alive and Well or Terminally Ill?
	Greenbank 202		P20.18	Larisa Kashapova	(Bradford)	The Multi-wavelength Study of Flare 25 July 2004
	Greenbank 202	Student	P20.20	Srividya Subramanian	(Armagh)	Further Inight into Blinkers
	Greenbank 202	Student	P20.21	Jaz Pearson	(Central Lancashire)	Phase Plane Analysis for the Thermal Structure along Solar Coronal Loops
	Greenbank 202		P20.22	Ross Galloway	(Glasgow)	Spectral Evolution of Solar Flare Hard X-ray Emission Due to Self-interacting, Thermalising, Fast Electrons
	Greenbank 202		P20.23	Miruna Popescu	(Armagh)	Can Transition Region Explosive Events be Observed at Coronal Temperatures?
P22: International Heliophysical / Polar Year	Greenbank 202		P22.1	Ji Wild	(Lancaster)	Taking UK Solar System Science to the Public
	Greenbank 202		P22.4	Tony van Eyken	(Eiscat Scientific Association)	EISCAT 3D - Instrumentation for the Post-IHY Period
P23: Magnetic Reconnection throughout the Universe	Greenbank 202		L23.1	Mike Hapgood	(RAL)	The Magnetopause Transition Parameter as an Indicator of Dayside Reconnection
	Greenbank 202	Student	P23.3	Antonia Wilmot-Smith	(St. Andrews)	Magnetic Reconnection in Flex-tubes Undergoing Spinning Footpoint Motions
	Greenbank 202		P23.6	Grigory Vekstein	(Manchester)	Occurrence and Signatures of the Hall-mediated Magnetic Reconnection
	Greenbank 202		P23.11	Aveek Sarkar	(Central Lancashire)	Multistrand Coronal Loop Model
	Greenbank 202	Student	P23.12	Lynsey Thornton	(St. Andrews)	Magnetic Fragment Tracking
P24: Solar and STP Missions Forum	Greenbank 202		P24.1	Danielle Bewsher	(RAL)	COMPASS - A Cosmic Vision Proposal
	Greenbank 202		P24.6	Elizabeth Auden	(UCL)	SDO and the UK Virtual Observatory
	Greenbank 202		P24.13	Richard Harrison	(RAL)	Solar Orbiter Status
	Greenbank 202		P24.15	Farideh Honary	(Lancaster)	GLORIA
	Greenbank 202		P24.16	Andy Breen	(Wales)	Solar-Terrestrial Physics with LOFAR
	Greenbank 202		P24.21	Andzrej Fludra	(RAL)	SOHO - Status and Future Plans

P25: Solar System Planetary Science	Greenbank 202		P25.3	Helen	Walker	(RAL)	Detecting Dust in Mars' Atmosphere with PFS on the Mars Express Satellite
	Greenbank 202		P25.4	Dominic	Fortes	(UCL)	Clathrate-powered Plumes on Enceladus and Triton
	Greenbank 202		P25.8	John	Bridges	(Leicester)	Comet Wild 2 Composition: Crater Residue Analysis
	Greenbank 202	Student	P25.9	Ian	Whittaker	(Wales)	Analysis of the Venus Express Terminator Orbits with ASPERA-4
	Greenbank 202	Student	P25.12	Daniel	Jones	(QMUL)	Orbital Instability and Collisions Among Trans-Neptunian Objects
	Greenbank 202		P25.14	John	Barker	(Glasgow)	Autonomous Smart Dust Clusters for Remote Planetary Exploration
P26: From Sun to Earth and Beyond	Greenbank 204	Student	L26.1	Jason	Byrne	(Trinity College)	Multi-scale Characterisation of CMEs
	Greenbank 204		L26.2	Martin	Birch	(Central Lancashire)	Energetic Electron Activity in Auroral Regions: POES Satellite Observations during Enhanced Solar Wind
	Greenbank 204		L26.3	Martin	Birch	(Central Lancashire)	Variations in Cutoff Latitude During Selected Solar Energetic Proton Events
	Greenbank 204		P26.2	Durgesh	Tripathi	(Cambridge)	Multi-wavelength Observation of a Bright Coronal Downflow
	Greenbank 204		P26.3	Mike	Hapgood	(RAL)	The Moon and the Plasmasheet - A Long Dance in Earth's Magnetosphere
	Greenbank 204	Student	P26.6	Gemma	Attrill	(UCL)	Coronal Wave: Magnetic Footprint of a CME?
	Greenbank 204		P26.9	Yulia	Bogdanova	(UCL)	The Magnetospheric Low-Latitude Boundary Layer and Cusp Dynamics During Interplanetary CME Events
	Greenbank 204		P26.10	Balan	Nanan	(Sheffield)	Response of the Magnetosphere and Ionosphere to CME Events
	Greenbank 204		P26.11	Betty	Lanchester	(Southampton)	Naturally-enhanced Radar Spectra and Low-energy Auroral Emission
	Greenbank 204		P26.13	Emma	Woodfield	(Liverpool)	Effects of the Neutral Atmosphere on the Earth's Magnetic Field after a Storm
	Greenbank 204	Student	P26.14	Peter	Boakes	(Leicester)	A Statistical Study of The Open Flux Content of the Magnetosphere at the Time of Substorm Onset
	Greenbank 204	Student	P26.15	Alan	Wood	(Wales)	A Case Study of Polar Cap Patches in the Vicinity of the Harang Discontinuity
	Greenbank 204		P26.16	Andy	Breen	(Wales)	3D Structure of the Inner Heliosphere - A New View from Radio Scintillation Observations
Greenbank 204		P26.18	Giulio	Del Zanna	(UCL)	The Solar Spectral Irradiance in the EUV	

	Greenbank 204		P26.20	Philippa	Browning	(Manchester)	A Relaxation Model of Heating in Coronal Loops with Axial Structure
	Greenbank 204		P26.21	Alexandra	Cran-McGreehin	(St. Andrews)	Ionospheric Depletion in Auroral Downward Currents
	Greenbank 204		P26.22	Michael	Denton	(Lancaster)	Elevated Ion Density at Geosynchronous Orbit During Sustained Northwards IMF
	Greenbank 204	Student	P26.23	Gareth	Dorrian	(Wales)	Equatorwards Expansion of the Fast Solar Wind
	Greenbank 204	Student	P26.25	Emma	Whittick	(Wales)	Influence of Bz Polarity on the High-latitude Ionospheric Plasma Distribution
	Greenbank 204		P26.26	Silvia	Dalla	(Manchester)	New Solar Active Region Emergence and Flare Productivity
	Greenbank 204		P26.27	Andrew	Kavanaugh	(Lancaster)	Long-period Modulation of Wave-particle Interactions
	Greenbank 204	Student	P26.28	Nicola	Longden	(Lancaster)	Electron Precipitation Following an ICME Driven Geomagnetic Storm
	Greenbank 204		P26.31	Joe	Khan	(Glasgow)	Precursor Type II Solar Radio Emission and the Origins of Large-scale Shock Waves on the Sun
	Greenbank 204	Student	P26.32	Jo	Sullivan	(Southampton)	Auroral Small-scale Structure Observed with ASK and EISCAT Svalbard Radar
P27: Investigating the Mesosphere / Thermosphere	Greenbank 204	Student	P27.6	Mathew	Beharrell	(Lancaster)	A New Method for Deducing the Effective Electron-Neutral Collision Frequency Profile in the D-region
P29: Current Facilities	Greenbank 204		P29.5	Ilona	Soechting	(Oxford)	The Adaptive Optics Programme at Gemini
	Greenbank 204		P29.8	Wayne	Holland	(UK-ATC)	SCUBA-2: Wide-field Imaging in the Submillimetre
P30: Future Facilities	Greenbank 204	Student	L30.1	Michael	Briggs	(ROE)	Study of the MIRI Image Slicers via Diffraction Losses
	Greenbank 204		P30.3	Rhaana	Starling	(Leicester)	Detecting Gamma-ray Bursts and their Afterglows with LOBSTER
P31: Astronomical Software and the Grid	Greenbank 204	Student	P31.1	Patrick	Daum	(Lancaster)	VisAN MHD - A Toolbox in Matlab for MHD Model Data Visualisation
	Greenbank 204		P31.2	Nic	Walton	(Cambridge)	AstroGrid VO Release 2007.1
	Greenbank 204	Student	P31.9	Stephen	Bourke	(National University of Ireland)	Processing Large Radio Datasets
P33: Origins of Dust in the Universe	Greenbank Café		L33.4	Ciska	Markwick-Kemper	(Manchester)	Crystalline Silicates, Corundum, and Periclase in the Quasar PG 2112+059
	Greenbank Café	Student	P33.4	Nicolas	Wright	(UCL)	3D Photoionisation Dust Modeling of the Planetary Nebula NGC 6302
P34: Gamma Ray Bursts	Greenbank Café		P34.5	Kim	Page	(Leicester)	GRB 061121: Broadband Spectral Evolution through the Prompt and Afterglow Phases of a

P38: Education and Outreach	Greenbank Café		P34.6	Olivier	Godet	(Leicester)	Bright Burst
	Greenbank Café	Student	P34.9	Bob	Chapman	(Hertfordshire)	Swift GRB 060105: A Long Bright Burst with a Pair Attenuation Feature & Unusual Afterglow
	Greenbank Café		P38.2	Nick	Lister	(Lawrence House Astronomy Centre)	Closing in on Local Bursts - Long GRBs within 155Mpc
	Greenbank Café		P38.5	Stuart	Lowe	(Manchester)	The Lawrence House Astronomy Centre
P42: Surveys: Wide, Deep, and Multi-wavelength XL	Greenbank Café		P38.6	Dugan	Witherick	(UCL)	The Jodcast
	Greenbank Café	Student	L42.1	George	Seabroke	(Cambridge)	AstroGrid: A Relevant Learning Tool for Future Astronomers?
		Student	XL18	Denise	Spangler	Durham University	RArial Velocity Experiment (RAVE): The Mega Milky Way Star Survey
		Student	XL2	Keith	Smith	The University of Nottingham	The Universe in Very High Energy Gamma-rays - Some Recent H.E.S.S. Results
							Constraining the physical and chemical conditions in the variable interstellar structure towards Kappa Velorum

## NAM2007 All posters (Alphabetical Order)

Session	Location	Student	Abstract_ no	Name_first	Name_family	Affiliation	Title
P02: Clusters and Groups	Greenbank Café	Student	P2.13	Abdulaziz	Alareedh	(Bristol)	New Candidate for OCRA SZ-Effect Observation
P18: Solar and Stellar Magnetic Fields	Greenbank 202		P18.1	Vasilis	Archontis	(St. Andrews)	Emergence and Interaction of Magnetic Fields in the Sun
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P24: Solar and STP Missions Forum	Greenbank 202		P24.6	Elizabeth	Auden	(UCL)	SDO and the UK Virtual Observatory
P25: Solar System Planetary Science	Greenbank 202		P25.14	John	Barker	(Glasgow)	Autonomous Smart Dust Clusters for Remote Planetary Exploration
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P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café	Student	P7.3	Amelia	Bliss	(Bristol)	Unmasking the AGN in J2310-437
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.14	Peter	Boakes	(Leicester)	A Statistical Study of The Open Flux Content of the Magnetosphere at the Time of Substorm Onset
P26: From Sun to	Greenbank		P26.9	Yulia	Bogdanova	(UCL)	The Magnetospheric Low-Latitude Boundary Layer

Earth and Beyond	204						and Cusp Dynamics During Interplanetary CME Events
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P26: From Sun to Earth and Beyond	Greenbank 204		P26.20	Philippa	Browning	(Manchester)	A Relaxation Model of Heating in Coronal Loops with Axial Structure
P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café		P10.1	Edwin	Budding	(Carter Observatory) A	bsolute Stellar Parameters and the Dependence on Galactic Environment
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201		L13.1	Matt	Burleigh	(Leicester)	Observations of a Roasted Brown Dwarf Atmosphere
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201		L13.2	Matt	Burleigh	(Leicester)	Limits on Planets around White Dwarf Stars
P26: From Sun to Earth and Beyond	Greenbank 204	Student	L26.1	Jason	Byrne	(Trinity College)	Multi-scale Characterisation of CMEs
P34: Gamma Ray Bursts	Greenbank Café	Student	P34.9	Bob	Chapman	(Hertfordshire)	Closing in on Local Bursts - Long GRBs within 155Mpc
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	L20.1	Steven	Chapman	(Central Lancashire)	On the Variation of Coronal Holes with Solar Cycle
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	P20.14	Cristina	Chifor	(Cambridge)	Thermal and Non-thermal Diagnostics of a M4.9 Flare on 2003 January 7/8 Observed by RESIK
P10: Star Clusters: Globular, Open and	Greenbank Café	Student	P10.5	Jaeil	Cho	(Durham)	Globular Cluster Systems of Early-type Galaxies in Low-density Environments

Super Stellar P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.19	Christopher	Clack	(Sheffield)	Alfven Resonance in the Solar Corona
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	L15.1	James	Clarke	(Hertfordshire)	Searching for Cool Dwarfs and Wide Binary Systems in Moving Groups
P02: Clusters and Groups	Greenbank Café		L2.1	Roger	Clowes	(Central Lancashire)	New Results on Two Large Quasar Groups: Populations of Lyman-break Galaxies
P26: From Sun to Earth and Beyond	Greenbank 204		P26.21	Alexandra	Cran- McGreehin	(St. Andrews)	Ionospheric Depletion in Auroral Downward Currents
P26: From Sun to Earth and Beyond	Greenbank 204		P26.26	Silvia	Dalla	(Manchester)	New Solar Active Region Emergence and Flare Productivity
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201		P12.11	Matt	Darnley	(Liverpool JMU)	Extragalactic Classical Nova Monitoring & Surveys
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.3	Matt	Darnley	(Liverpool JMU)	The ANGSTROM Project Alert System: Real-time Detection of Extragalactic Microlensing
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.9	Patrick	Daum	(Lancaster)	Global MHD Simulations and their Utilisation to Enlarge Multi-point in-situ Observations
P31: Astronomical Software and the Grid	Greenbank 204	Student	P31.1	Patrick	Daum	(Lancaster)	VisAN MHD - A Toolbox in Matlab for MHD Model Data Visualisation
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201		P15.1	Philip	Davis	(Open University)	Present-day Populations of Post-Common Envelope Binaries and Gap Crossing Cataclysmic Variables
P26: From Sun to Earth and Beyond	Greenbank 204		P26.18	Giulio	Del Zanna	(UCL)	The Solar Spectral Irradiance in the EUV
P17: Star Formation	Greenbank 201		P17.8	Bill	Dent	(UK-ATC)	Dynamics of Molecular Gas in the Rosette Nebula
P26: From Sun to Earth and Beyond	Greenbank 204		P26.22	Michael	Denton	(Lancaster)	Elevated Ion Density at Geosynchronous Orbit During Sustained Northwards IMF
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201		P13.10	Martin	Dominik	(St. Andrews)	An Anomaly Detector with Immediate Feedback to Hunt for Planets of Earth Mass and Below by Microlensing
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.23	Gareth	Dorrian	(Wales)	Equatorwards Expansion of the Fast Solar Wind
P19: Space Plasmas: Waves and	Greenbank 202	Student	P19.21	Mark	Douglas	(Sheffield)	MHD Waves at a Spherical Interface: Modeling EIT Waves

Instabilities

P03: Dissecting the Milky Way and Local Group	Greenbank Café		P3.8	Jonathan Duke	(Liverpool JMU)	The ANGSTROM Project: A Progress Report
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café	Student	P7.4	Fred Dulwich	(Bristol)	Multi-band Imaging and Polarimetry of Kiloparsec-scale Jet Emission in Nearby Active Galaxies
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.12	Ralph Eatough	(Manchester)	Searching for Relativistic Binary Pulsars in the Galactic Plane
P11: Future Directions of Astero- and Helio-seismology	Greenbank 201		P11.1	Vladimir Elkin	(Central Lancashire)	High Spectral and Time Resolution Observations of eoAp Stars with the ESO VLT
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201		P12.6	Stewart Eyres	(Central Lancashire)	RS Oph: The Most Erupted Recurrent Nova
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.4	Francesca Faedi	(Leicester)	A Variability Study of White Dwarfs in WASP Data
P24: Solar and STP Missions Forum	Greenbank 202		P24.21	Andzrej Fludra	(RAL)	SOHO - Status and Future Plans
P25: Solar System Planetary Science	Greenbank 202		P25.4	Dominic Fortes	(UCL)	Clathrate-powered Plumes on Enceladus and Triton
P16: Stellar Variability	Greenbank 201		P16.1	Lars Freyhammer	(Central Lancashire)	Fast Spectroscopy of the Pulsating Double Star Delta Delphini
P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café		P10.6	Ute Fritze	(Hertfordshire)	Star Formation and Star Cluster Formation: Universally-interrelated or Environment-dependent?
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.22	Ross Galloway	(Glasgow)	Spectral Evolution of Solar Flare Hard X-ray Emission Due to Self-interacting, Thermalising, Fast Electrons
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.1	Timothy Garn	(Cambridge)	Deep 610MHz Surveys Using the GMRT
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	Student	P13.1	Samuel George	(Birmingham)	Radio Observations of Extrasolar Planets
P15: Degenerate Astronomy: Pulsars, Neutron Stars and	Greenbank 201	Student	P15.14	Jeanette Gladstone	(Durham)	Neutron Star and Black Hole Transitions: The Origin of Hysteresis

White Dwarfs

P34: Gamma Ray Bursts	Greenbank Café		P34.6	Olivier	Godet	(Leicester)	Swift GRB 060105: A Long Bright Burst with a Pair Attenuation Feature & Unusual Afterglow
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café	Student	P7.12	Joanna	Goodger	(Hertfordshire)	Inverse Compton Emission from the Lobes of 3C353
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201		P15.5	Nigel	Hambly	(Cambridge)	The Brown Dwarf Mass Function from UKIDSS Galactic Clusters Survey Observations
P23: Magnetic Reconnection throughout the Universe	Greenbank 202		L23.1	Mike	Hapgood	(RAL)	The Magnetopause Transition Parameter as an Indicator of Dayside Reconnection
P26: From Sun to Earth and Beyond	Greenbank 204		P26.3	Mike	Hapgood	(RAL)	The Moon and the Plasmasheet - A Long Dance in Earth's Magnetosphere
P24: Solar and STP Missions Forum	Greenbank 202		P24.13	Richard	Harrison	(RAL)	Solar Orbiter Status
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.7	Melanie	Hawthorn	(Cambridge)	Extremely Red Stellar Objects in the UKIDSS-LAS: What Are They?
P18: Solar and Stellar Magnetic Fields	Greenbank 202		P18.8	Richard	Henwood	(RAL)	Extremal Statistics of Maximum Sunspot Group Size from Greenwich Group Reports 1874-1976
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201		P15.6	Falk	Herwig	(Keele)	Multi-dimensional Simulations of Helium Shell Flash Convection
P29: Current Facilities	Greenbank 204		P29.8	Wayne	Holland	(UK-ATC)	SCUBA-2: Wide-field Imaging in the Submillimetre
P24: Solar and STP Missions Forum	Greenbank 202		P24.15	Farideh	Honary	(Lancaster)	GLORIA
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café		P7.1	Philip	Hughes	(Michigan)	Modeling the Structure of Gamma-ray Blazar PKS 1510-089
P02: Clusters and Groups	Greenbank Café		L2.2	Avon	Huxor	(Bristol) S	earch for Ultra-Compact Dwarf Galaxies in the Coma ACS Survey
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.2	Natasha	Jackson	(Birmingham)	Jet Formation by High Radiation Pressure
P13: Characterising	Greenbank	Student	P13.8	James	Jenkins	(Hertfordshire)	Metallicities and Activities of Southern Stars

Exoplanets: Theory and Observation	201						
P25: Solar System Planetary Science	Greenbank 202	Student	P25.12	Daniel Jones	(QMUL)		Orbital Instability and Collisions Among Trans-Neptunian Objects
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.18	Larisa Kashapova	(Bradford)		The Multi-wavelength Study of Flare 25 July 2004
P26: From Sun to Earth and Beyond	Greenbank 204		P26.27	Andrew Kavanaugh	(Lancaster)		Long-period Modulation of Wave-particle Interactions
P26: From Sun to Earth and Beyond	Greenbank 204		P26.31	Joe Khan	(Glasgow)		Precursor Type II Solar Radio Emission and the Origins of Large-scale Shock Waves on the Sun
P18: Solar and Stellar Magnetic Fields	Greenbank 202		P18.7	Eun-jin Kim	(Sheffield)		Long-term Dynamics of the Magnetised Solar Tachocline
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	L19.1	Fiona Kirton	(Glasgow)		Langmuir Wave Turbulence in an Inhomogeneous Plasma
P18: Solar and Stellar Magnetic Fields	Greenbank 202		P18.3	Kurom Kiyani	(Warwick)		Self-similar Signature of the Active Solar Corona within the Inertial Range of Solar Wind Turbulence
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.16	Abhishek Kumar Srivastava	(Armagh)		On the Signature of MHD Waves in Coronal Holes
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.10	Nicolas Labrosse	(Wales)		The Hell 304A Line in Eruptive Prominences
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.8	Nicolas Labrosse	(Wales)		Solar Prominence Diagnostics: Observations and NLTE Modeling
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.9	Nicolas Labrosse	(Wales)		OVI and H2 Lines in Sunspots
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.1	Mai Mai Lam	(BAS)		A New Model of Earth's Outer Radiation Belt Electrons
P26: From Sun to Earth and Beyond	Greenbank 204		P26.11	Betty Lanchester	(Southampton)		Naturally-enhanced Radar Spectra and Low-energy Auroral Emission
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.6	Bo Li	(Wales)		Propagation of non-WKB Alfvén Waves in a Multicomponent Solar Wind with Differential Ion Flow
P38: Education and Outreach	Greenbank Café		P38.2	Nick Lister	(Lawrence House Astronomy Centre)		The Lawrence House Astronomy Centre
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201		P12.17	Myfanwy Lloyd	(Manchester)		Observing the Relationship Between Close Binary Central Stars and their Planetary Nebulae

P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201		P12.4	Tom	Lloyd-Evans	(St. Andrews)	Spectroscopic Monitoring of Mass-losing Stars
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.28	Nicola	Longden	(Lancaster)	Electron Precipitation Following an ICME Driven Geomagnetic Storm
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.3	Ilani	Loubser	(Central Lancashire)	Investigating Stellar Populations in cD Galaxies
P38: Education and Outreach	Greenbank Café		P38.5	Stuart	Lowe	(Manchester)	The Jodcast
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.5	Angela	MacDonald	(Central Lancashire)	Isotopic Abundances in the Metal-rich Solar Neighbourhood
P33: Origins of Dust in the Universe	Greenbank Café		L33.4	Ciska	Markwick-Kemper	(Manchester)	Crystalline Silicates, Corundum, and Periclase in the Quasar PG 2112+059
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.2	Robert	McKay	(Glasgow)	Fast Alfvén Wave Heating and Acceleration of Ions in a Non-Uniform Magnetoplasma
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.8	James	McLaughlin	(St. Andrews)	3D MHD Wave Behaviour in Active Regions: Individual Loop Density Structure
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.11	Huw	Morgan	(Hawaii)	Observations of the FeXI 789.2nm Coronal Line During the Total Solar Eclipse of 29 March 2006
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.7	Huw	Morgan	(Hawaii)	Twisted Sheet Structures and the Appearance of Coronal Streamers at Solar Maximum
P26: From Sun to Earth and Beyond	Greenbank 204		P26.10	Balan	Nanan	(Sheffield)	Response of the Magnetosphere and Ionosphere to CME Events
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.24	Andrew	Newton	(Sheffield)	Regulation of Turbulent Transport using Oscillating Shear Flows
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.5	Jane	Nogliki	(Central Lancashire)	The Temperature Structure of Solar Atmospheric Plasma Loops: Pros and Cons of CDS and TRACE
P17: Star Formation	Greenbank 201		P17.3	Dave	Nutter	(Cardiff)	The Taurus Molecular Ring: A Bulls Tale
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.3	Nicholas	Owen	(St. Andrews)	Forward Modeling of Slow Wave Propagation in the Solar Atmosphere
P34: Gamma Ray Bursts	Greenbank Café		P34.5	Kim	Page	(Leicester)	GRB 061121: Broadband Spectral Evolution through the Prompt and Afterglow Phases of a Bright Burst

P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café	Student	P10.8	Richard Parker	(Sheffield)	Do O-type Stars Form in Isolation?
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	P20.21	Jaz Pearson	(Central Lancashire)	Phase Plane Analysis for the Thermal Structure along Solar Coronal Loops
P02: Clusters and Groups	Greenbank Café	Student	P2.7	Samantha Penny	(Nottingham)	Keck Spectroscopy of Dwarf Galaxies in the Perseus Cluster
P18: Solar and Stellar Magnetic Fields	Greenbank 202	Student	P18.9	David Perez-Suarez	(Armagh)	Delving in Bright Spots
P17: Star Formation	Greenbank 201	Student	P17.5	Danae Polychroni	(Liverpool JMU)	Mapping W3 Giant Molecular Cloud with HARP-B
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202		P20.23	Miruna Popescu	(Armagh)	Can Transition Region Explosive Events be Observed at Coronal Temperatures?
P18: Solar and Stellar Magnetic Fields	Greenbank 202		P18.10	Hugh Potts	(Glasgow)	Small-scale Magnetic Energy Release Driven by Photospheric Flows
P17: Star Formation	Greenbank 201	Student	P17.12	Suzanne Prescott	(Exeter)	Molecular Clouds in the Galaxy
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.8	Ben Rogers	(King's College)	PCA and the Star Formation History of SDSS Early-Type Galaxies
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201		P12.18	Mark Rushton	(Central Lancashire)	How Peculiar is DZ Crucis?
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	Student	P12.12	Laurence Sabin	(Manchester)	The IPHAS Nbeluae Database
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.7	Stuart Sale	(Imperial College)	3D Extinction Mapping in the Galactic Plane with IPHAS Photometry
P23: Magnetic Reconnection throughout the Universe	Greenbank 202		P23.11	Aveek Sarkar	(Central Lancashire)	Multistrand Coronal Loop Model
P17: Star Formation	Greenbank 201		L17.1	Peter Sarre	(Nottingham)	High-resolution Spectroscopy of Emission Bands of PAHs and Nanodiamonds In Extended Objects
P17: Star Formation	Greenbank 201		P17.6	Peter Sarre	(Nottingham)	UIR Bands in the Red Rectangle and Other Objects
P42: Surveys: Wide, Deep, and Multi-wavelength	Greenbank Café	Student	L42.1	George Seabroke	(Cambridge)	RAdial Velocity Experiment (RAVE): The Mega Milky Way Star Survey
XL - Extra late		Student	XL2	Keith Smith	The University of Nottingham	Constraining the physical and chemical conditions in the variable interstellar structure towards Kappa

P02: Clusters and Groups	Greenbank Café	Student	P2.4	Owain	Snaith	(Central Lancashire)	Velorum
P29: Current Facilities	Greenbank 204		P29.5	Ilona	Soechting	(Oxford)	Origin and Evolution of Groups of Galaxies
XL - Extra late		Student	XL18	Denise	Spangler	Durham University	The Adaptive Optics Programme at Gemini
P17: Star Formation	Greenbank 201		P17.11	Dimitris	Stamatellos	(Cardiff)	The Universe in Very High Energy Gamma-rays - Some Recent H.E.S.S. Results
P17: Star Formation	Greenbank 201		P17.4	Elizabeth	Stanway	(Bristol)	A Revised Core Mass Function for the rho Oph Main Cloud
P30: Future Facilities	Greenbank 204		P30.3	Rhaana	Starling	(Leicester)	Characterising a Halo Population of M-dwarf Stars
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	L15.2	Paul	Steele	(Leicester)	Detecting Gamma-ray Bursts and their Afterglows with LOBSTER
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	P20.20	Srividya	Subramanian	(Armagh)	A Near-IR Spectroscopic Search for Low Mass Companions to Peculiar White Dwarfs
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.32	Jo	Sullivan	(Southampton)	Further Inight into Blinkers
P04: Simulating Galaxies with Sub-Grid Physics	Greenbank Café	Student	L4.1	Tomas	Tecce	(IAFE)	Auroral Small-scale Structure Observed with ASK and EISCAT Svalbard Radar
P23: Magnetic Reconnection throughout the Universe	Greenbank 202	Student	P23.12	Lynsey	Thornton	(St. Andrews)	Modeling the Formation and Evolution of Dwarf Galaxies
P26: From Sun to Earth and Beyond	Greenbank 204		P26.2	Durgesh	Tripathi	(Cambridge)	Magnetic Fragment Tracking
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201		P13.6	Yiannis	Tsapras	(Liverpool JMU)	Multi-wavelength Observation of a Bright Coronal Downflow
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.5	David	Tsiklauri	(Salford)	The RoboNet Project
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.14	Pete	Tullet	(Lancaster)	A Minimal Model of Parallel Electric Field Generation in a Transversely Inhomogeneous Space and Solar Plasma
P19: Space Plasmas: Waves and	Greenbank 202		P19.18	Tom	Van Doorselaere	(Warwick)	ULF Wave Direction Finding on the 0.5mHz to 5mHz Band using SAMNET
							Detection of a Double Periodicity in an Oscillating Coronal Loop

Instabilities

P22: International Heliophysical / Polar Year	Greenbank 202		P22.4	Tony	van Eyken	(Eiscat Scientific Association)	EISCAT 3D - Instrumentation for the Post-IHY Period
P23: Magnetic Reconnection throughout the Universe	Greenbank 202		P23.6	Grigory	Vekstein	(Manchester)	Occurrence and Signatures of the Hall-mediated Magnetic Reconnection
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.10	Gary	Verth	(Sheffield)	Magneto-seismology of the Solar Corona
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.23	Fedun	Viktor	(Sheffield)	MHD Sausage Waves in Compressible Magnetically Twisted Flux Tubes
P25: Solar System Planetary Science	Greenbank 202		P25.3	Helen	Walker	(RAL)	Detecting Dust in Mars' Atmosphere with PFS on the Mars Express Satellite
P31: Astronomical Software and the Grid	Greenbank 204		P31.2	Nic	Walton	(Cambridge)	AstroGrid VO Release 2007.1
P08: Starburst Galaxies	Greenbank Café		P8.5	Mark	Westmoquette	(UCL)	The Environment in the Starburst Core of M82
P25: Solar System Planetary Science	Greenbank 202	Student	P25.9	Ian	Whittaker	(Wales)	Analysis of the Venus Express Terminator Orbits with ASPERA-4
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.25	Emma	Whittick	(Wales)	Influence of Bz Polarity on the High-latitude Ionospheric Plasma Distribution
P22: International Heliophysical / Polar Year	Greenbank 202		P22.1	Ji	Wild	(Lancaster)	Taking UK Solar System Science to the Public
P23: Magnetic Reconnection throughout the Universe	Greenbank 202	Student	P23.3	Antonia	Wilmot-Smith	(St. Andrews)	Magnetic Reconnection in Flex-tubes Undergoing Spinning Footpoint Motions
P38: Education and Outreach	Greenbank Café		P38.6	Dugan	Witherick	(UCL)	AstroGrid: A Relevant Learning Tool for Future Astronomers?
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.15	Alan	Wood	(Wales)	A Case Study of Polar Cap Patches in the Vicinity of the Harang Discontinuity
P26: From Sun to Earth and Beyond	Greenbank 204		P26.13	Emma	Woodfield	(Liverpool)	Effects of the Neutral Atmosphere on the Earth's Magnetic Field after a Storm
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	Student	P12.15	Hannah	Worters	(Central Lancashire)	Sakurai's Object: An Indicator of the 13C Contribution from Intermediate Mass Stars
P12: Explosive and Quiescent Stellar	Greenbank 201	Student	P12.16	Hannah	Worters	(Central Lancashire)	What Makes RS Oph Go Off?

Mass Loss

P33: Origins of Dust in the Universe	Greenbank Café	Student	P33.4	Nicolas	Wright	(UCL)	3D Photoionisation Dust Modeling of the Planetary Nebula NGC 6302
P18: Solar and Stellar Magnetic Fields	Greenbank 202	Student	P18.2	Anthony	Yeates	(St. Andrews)	Modeling the Global Solar Corona: Application to Filament Chirality
P19: Space Plasmas: Waves and Instabilities	Greenbank 202		P19.15	Valentina	Zharkova	(Bradford)	Role of Plasma Instabilities in Particle Acceleration in a 3D Reconnecting Current Sheet
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201		P12.13	Albert	Zijlstra	(Manchester)	The Rise and Fall of CK Vul

## NAM2007 All posters (Students - Session Order)

Session	Location	Student	Abstract_ no	Name_first	Name_family	Affiliation	Title
P02: Clusters and Groups	Greenbank Café	Student	P2.4	Owain	Snaith	(Central Lancashire)	Origin and Evolution of Groups of Galaxies
P02: Clusters and Groups	Greenbank Café	Student	P2.7	Samantha	Penny	(Nottingham)	Keck Spectroscopy of Dwarf Galaxies in the Perseus Cluster
P02: Clusters and Groups	Greenbank Café	Student	P2.13	Abdulaziz	Alareedh	(Bristol)	New Candidate for OCRA SZ-Effect Observation
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.3	Matt	Darnley	(Liverpool JMU)	The ANGSTROM Project Alert System: Real-time Detection of Extragalactic Microlensing
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.5	Angela	MacDonald	(Central Lancashire)	Isotopic Abundances in the Metal-rich Solar Neighbourhood
P03: Dissecting the Milky Way and Local Group	Greenbank Café	Student	P3.7	Stuart	Sale	(Imperial College)	3D Extinction Mapping in the Galactic Plane with IPHAS Photometry
P04: Simulating Galaxies with Sub-Grid Physics	Greenbank Café	Student	L4.1	Tomas	Tecce	(IAFE)	Modeling the Formation and Evolution of Dwarf Galaxies
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.1	Timothy	Garn	(Cambridge)	Deep 610MHz Surveys Using the GMRT
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.3	Ilani	Loubser	(Central Lancashire)	Investigating Stellar Populations in cD Galaxies
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.7	Melanie	Hawthorn	(Cambridge)	Extremely Red Stellar Objects in the UKIDSS-LAS: What Are They?
P05: Panchromatic Galaxy Evolution	Greenbank Café	Student	P5.8	Ben	Rogers	(King's College)	PCA and the Star Formation History of SDSS Early-Type Galaxies
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café	Student	P7.3	Amelia	Bliss	(Bristol)	Unmasking the AGN in J2310-437
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café	Student	P7.4	Fred	Dulwich	(Bristol)	Multi-band Imaging and Polarimetry of Kiloparsec-scale Jet Emission in Nearby Active Galaxies
P07: Galactic Activity: The Micro- and Macro-Physics of	Greenbank Café	Student	P7.12	Joanna	Goodger	(Hertfordshire)	Inverse Compton Emission from the Lobes of 3C353

AGN and Black Holes

P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café	Student	P10.5	Jaeil	Cho	(Durham)	Globular Cluster Systems of Early-type Galaxies in Low-density Environments
P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café	Student	P10.8	Richard	Parker	(Sheffield)	Do O-type Stars Form in Isolation?
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	Student	P12.12	Laurence	Sabin	(Manchester)	The IPHAS Nbeluae Database
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	Student	P12.15	Hannah	Worters	(Central Lancashire)	Sakurai's Object: An Indicator of the 13C Contribution from Intermediate Mass Stars
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	Student	P12.16	Hannah	Worters	(Central Lancashire)	What Makes RS Oph Go Off?
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	Student	P13.1	Samuel	George	(Birmingham)	Radio Observations of Extrasolar Planets
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	Student	P13.8	James	Jenkins	(Hertfordshire)	Metallicities and Activities of Southern Stars
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	L15.1	James	Clarke	(Hertfordshire)	Searching for Cool Dwarfs and Wide Binary Systems in Moving Groups
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	L15.2	Paul	Steele	(Leicester)	A Near-IR Spectroscopic Search for Low Mass Companions to Peculiar White Dwarfs
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.2	Natasha	Jackson	(Birmingham)	Jet Formation by High Radiation Pressure
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.4	Francesca	Faedi	(Leicester)	A Variability Study of White Dwarfs in WASP Data
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.12	Ralph	Eatough	(Manchester)	Searching for Relativistic Binary Pulsars in the Galactic Plane

P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	Student	P15.14	Jeanette	Gladstone	(Durham)	Neutron Star and Black Hole Transitions: The Origin of Hysteresis
P17: Star Formation	Greenbank 201	Student	P17.5	Danae	Polychroni	(Liverpool JMU)	Mapping W3 Giant Molecular Cloud with HARP-B
P17: Star Formation	Greenbank 201	Student	P17.12	Suzanne	Prescott	(Exeter)	Molecular Clouds in the Galaxy
P18: Solar and Stellar Magnetic Fields	Greenbank 202	Student	P18.2	Anthony	Yeates	(St. Andrews)	Modeling the Global Solar Corona: Application to Filament Chirality
P18: Solar and Stellar Magnetic Fields	Greenbank 202	Student	P18.9	David	Perez-Suarez	(Armagh)	Delving in Bright Spots
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	L19.1	Fiona	Kirton	(Glasgow)	Langmuir Wave Turbulence in an Inhomogeneous Plasma
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.2	Robert	McKay	(Glasgow)	Fast Alfvén Wave Heating and Acceleration of Ions in a Non-Uniform Magnetoplasma
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.3	Nicholas	Owen	(St. Andrews)	Forward Modeling of Slow Wave Propagation in the Solar Atmosphere
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.9	Patrick	Daum	(Lancaster)	Global MHD Simulations and their Utilisation to Enlarge Multi-point in-situ Observations
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.10	Gary	Verth	(Sheffield)	Magneto-seismology of the Solar Corona
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.14	Pete	Tullet	(Lancaster)	ULF Wave Direction Finding on the 0.5mHz to 5mHz Band using SAMNET
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.19	Christopher	Clack	(Sheffield)	Alfvén Resonance in the Solar Corona
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.21	Mark	Douglas	(Sheffield)	MHD Waves at a Spherical Interface: Modeling EIT Waves
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	Student	P19.24	Andrew	Newton	(Sheffield)	Regulation of Turbulent Transport using Oscillating Shear Flows
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	L20.1	Steven	Chapman	(Central Lancashire)	On the Variation of Coronal Holes with Solar Cycle

P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	P20.14	Cristina	Chifor	(Cambridge)	Thermal and Non-thermal Diagnostics of a M4.9 Flare on 2003 January 7/8 Observed by RESIK
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	P20.20	Srividya	Subramanian	(Armagh)	Further Inight into Blinkers
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	Student	P20.21	Jaz	Pearson	(Central Lancashire)	Phase Plane Analysis for the Thermal Structure along Solar Coronal Loops
P23: Magnetic Reconnection throughout the Universe	Greenbank 202	Student	P23.3	Antonia	Wilmot-Smith	(St. Andrews)	Magnetic Reconnection in Flex-tubes Undergoing Spinning Footpoint Motions
P23: Magnetic Reconnection throughout the Universe	Greenbank 202	Student	P23.12	Lynsey	Thornton	(St. Andrews)	Magnetic Fragment Tracking
P25: Solar System Planetary Science	Greenbank 202	Student	P25.9	Ian	Whittaker	(Wales)	Analysis of the Venus Express Terminator Orbits with ASPERA-4
P25: Solar System Planetary Science	Greenbank 202	Student	P25.12	Daniel	Jones	(QMUL)	Orbital Instability and Collisions Among Trans-Neptunian Objects
P26: From Sun to Earth and Beyond	Greenbank 204	Student	L26.1	Jason	Byrne	(Trinity College)	Multi-scale Characterisation of CMEs
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.6	Gemma	Attrill	(UCL)	Coronal Wave: Magnetic Footprint of a CME?
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.14	Peter	Boakes	(Leicester)	A Statistical Study of The Open Flux Content of the Magnetosphere at the Time of Substorm Onset
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.15	Alan	Wood	(Wales)	A Case Study of Polar Cap Patches in the Vicinity of the Harang Discontinuity
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.23	Gareth	Dorrian	(Wales)	Equatorwards Expansion of the Fast Solar Wind
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.25	Emma	Whittick	(Wales)	Influence of Bz Polarity on the High-latitude Ionospheric Plasma Distribution
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.28	Nicola	Longden	(Lancaster)	Electron Precipitation Following an ICME Driven Geomagnetic Storm
P26: From Sun to Earth and Beyond	Greenbank 204	Student	P26.32	Jo	Sullivan	(Southampton)	Auroral Small-scale Structure Observed with ASK and EISCAT Svalbard Radar
P27: Investigating the Mesosphere / Thermosphere	Greenbank 204	Student	P27.6	Mathew	Beharrell	(Lancaster)	A New Method for Deducing the Effective Electron-Neutral Collision Frequency Profile in the D-region
P30: Future Facilities	Greenbank 204	Student	L30.1	Michael	Briggs	(ROE)	Study of the MIRI Image Slicers via Diffraction Losses

P31: Astronomical Software and the Grid	Greenbank 204	Student	P31.1	Patrick Daum	(Lancaster)	VisAN MHD - A Toolbox in Matlab for MHD Model Data Visualisation
P31: Astronomical Software and the Grid	Greenbank 204	Student	P31.9	Stephen Bourke	(National University of Ireland)	Processing Large Radio Datasets
P33: Origins of Dust in the Universe	Greenbank Café	Student	P33.4	Nicolas Wright	(UCL)	3D Photoionisation Dust Modeling of the Planetary Nebula NGC 6302
P34: Gamma Ray Bursts	Greenbank Café	Student	P34.9	Bob Chapman	(Hertfordshire)	Closing in on Local Bursts - Long GRBs within 155Mpc
P42: Surveys: Wide, Deep, and Multi-wavelength	Greenbank Café	Student	L42.1	George Seabroke	(Cambridge)	RAdial Velocity Experiment (RAVE): The Mega Milky Way Star Survey
XL - Extra late		Student	XL18	Denise Spangler	Durham University	The Universe in Very High Energy Gamma-rays - Some Recent H.E.S.S. Results
XL - Extra late		Student	XL2	Keith Smith	The University of Nottingham	Constraining the physical and chemical conditions in the variable interstellar structure towards Kappa Velorum

## NAM2007 All posters (Non-Students - Session Order)

P02: Clusters and Groups	Greenbank Café	L2.1	Roger	Clowes	(Central Lancashire)	New Results on Two Large Quasar Groups: Populations of Lyman-break Galaxies
P02: Clusters and Groups	Greenbank Café	L2.2	Avon	Huxor	(Bristol) S	
P03: Dissecting the Milky Way and Local Group	Greenbank Café	P3.8	Jonathan	Duke	(Liverpool JMU)	earch for Ultra-Compact Dwarf Galaxies in the Coma ACS Survey
P07: Galactic Activity: The Micro- and Macro-Physics of AGN and Black Holes	Greenbank Café	P7.1	Philip	Hughes	(Michigan)	The ANGSTROM Project: A Progress Report
P08: Starburst Galaxies	Greenbank Café	P8.5	Mark	Westmoquette	(UCL)	Modeling the Structure of Gamma-ray Blazar PKS 1510-089
P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café	P10.1	Edwin	Budding	(Carter Observatory) A	The Environment in the Starburst Core of M82
P10: Star Clusters: Globular, Open and Super Stellar	Greenbank Café	P10.6	Ute	Fritze	(Hertfordshire)	bsolute Stellar Parameters and the Dependence on Galactic Environment
P11: Future Directions of Astero- and Helio-seismology	Greenbank 201	P11.1	Vladimir	Elkin	(Central Lancashire)	Star Formation and Star Cluster Formation: Universally-interrelated or Environment-dependent?
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	P12.4	Tom	Lloyd-Evans	(St. Andrews)	High Spectral and Time Resolution Observations of eoAp Stars with the ESO VLT
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	P12.6	Stewart	Eyres	(Central Lancashire)	Spectroscopic Monitoring of Mass-losing Stars
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	P12.11	Matt	Darnley	(Liverpool JMU)	RS Oph: The Most Erupted Recurrent Nova
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	P12.13	Albert	Zijlstra	(Manchester)	Extragalactic Classical Nova Monitoring & Surveys
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	P12.17	Myfanwy	Lloyd	(Manchester)	The Rise and Fall of CK Vul
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201	P12.18	Mark	Rushton	(Central Lancashire)	Observing the Relationship Between Close Binary Central Stars and their Planetary Nebulae
P12: Explosive and Quiescent Stellar Mass Loss	Greenbank 201					How Peculiar is DZ Crucis?

Mass Loss

P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	L13.1	Matt	Burleigh	(Leicester)	Observations of a Roasted Brown Dwarf Atmosphere
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	L13.2	Matt	Burleigh	(Leicester)	Limits on Planets around White Dwarf Stars
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	P13.6	Yiannis	Tsapras	(Liverpool JMU)	The RoboNet Project
P13: Characterising Exoplanets: Theory and Observation	Greenbank 201	P13.10	Martin	Dominik	(St. Andrews)	An Anomaly Detector with Immediate Feedback to Hunt for Planets of Earth Mass and Below by Microlensing
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	P15.1	Philip	Davis	(Open University)	Present-day Populations of Post-Common Envelope Binaries and Gap Crossing Cataclysmic Variables
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	P15.5	Nigel	Hambly	(Cambridge)	The Brown Dwarf Mass Function from UKIDSS Galactic Clusters Survey Observations
P15: Degenerate Astronomy: Pulsars, Neutron Stars and White Dwarfs	Greenbank 201	P15.6	Falk	Herwig	(Keele)	Multi-dimensional Simulations of Helium Shell Flash Convection
P16: Stellar Variability	Greenbank 201	P16.1	Lars	Freyhammer	(Central Lancashire)	Fast Spectroscopy of the Pulsating Double Star Delta Delphini
P17: Star Formation	Greenbank 201	L17.1	Peter	Sarre	(Nottingham)	High-resolution Spectroscopy of Emission Bands of PAHs and Nanodiamonds In Extended Objects
P17: Star Formation	Greenbank 201	P17.3	Dave	Nutter	(Cardiff)	The Taurus Molecular Ring: A Bulls Tale
P17: Star Formation	Greenbank 201	P17.4	Elizabeth	Stanway	(Bristol)	Characterising a Halo Population of M-dwarf Stars
P17: Star Formation	Greenbank 201	P17.6	Peter	Sarre	(Nottingham)	UIR Bands in the Red Rectangle and Other Objects
P17: Star Formation	Greenbank 201	P17.8	Bill	Dent	(UK-ATC)	Dynamics of Molecular Gas in the Rosette Nebula
P17: Star Formation	Greenbank 201	P17.11	Dimitris	Stamatellos	(Cardiff)	A Revised Core Mass Function for the rho Oph Main Cloud
P18: Solar and Stellar Magnetic Fields	Greenbank 202	L18.1	Mitchell	Berger	(UCL)	Twist & Writhe of Kink-unstable Magnetic Flux Ropes
P18: Solar and Stellar	Greenbank	P18.1	Vasilis	Archontis	(St. Andrews)	Emergence and Interaction of Magnetic Fields in

Magnetic Fields	202						the Sun
P18: Solar and Stellar Magnetic Fields	Greenbank 202	P18.3	Kurom	Kiyani	(Warwick)		Self-similar Signature of the Active Solar Corona within the Inertial Range of Solar Wind Turbulence
P18: Solar and Stellar Magnetic Fields	Greenbank 202	P18.4	Nicolas	Bian	(Manchester)		Magnetoconvection in a Sheared Horizontal Magnetic Field
P18: Solar and Stellar Magnetic Fields	Greenbank 202	P18.5	Gert	Botha	(Leeds)		Formation of Azimuthal Structure Around Pores and Sunspots
P18: Solar and Stellar Magnetic Fields	Greenbank 202	P18.7	Eun-jin	Kim	(Sheffield)		Long-term Dynamics of the Magnetised Solar Tachocline
P18: Solar and Stellar Magnetic Fields	Greenbank 202	P18.8	Richard	Henwood	(RAL)		Extremal Statistics of Maximum Sunspot Group Size from Greenwich Group Reports 1874-1976
P18: Solar and Stellar Magnetic Fields	Greenbank 202	P18.10	Hugh	Potts	(Glasgow)		Small-scale Magnetic Energy Release Driven by Photospheric Flows
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.1	Mai Mai	Lam	(BAS)		A New Model of Earth's Outer Radiation Belt Electrons
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.5	David	Tsiklauri	(Salford)		A Minimal Model of Parallel Electric Field Generation in a Transversely Inhomogeneous Space and Solar Plasma
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.6	Bo	Li	(Wales)		Propagation of non-WKB Alfvén Waves in a Multicomponent Solar Wind with Differential Ion Flow
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.8	James	McLaughlin	(St. Andrews)		3D MHD Wave Behaviour in Active Regions: Individual Loop Density Structure
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.15	Valentina	Zharkova	(Bradford)		Role of Plasma Instabilities in Particle Acceleration in a 3D Reconnecting Current Sheet
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.16	Abhishek	Kumar Srivastava	(Armagh)		On the Signature of MHD Waves in Coronal Holes
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.18	Tom	Van Doorselaere	(Warwick)		Detection of a Double Periodicity in an Oscillating Coronal Loop
P19: Space Plasmas: Waves and Instabilities	Greenbank 202	P19.23	Fedun	Viktor	(Sheffield)		MHD Sausage Waves in Compressible Magnetically Twisted Flux Tubes
P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.4	Stephen	Bradshaw	(Imperial College)		A Hybrid Fluid-Kinetic Approach to Modeling the Solar Corona
P20: Spectroscopy of Solar and Stellar	Greenbank 202	P20.5	Jane	Nogliik	(Central Lancashire)		The Temperature Structure of Solar Atmospheric Plasma Loops: Pros and Cons of CDS and TRACE

Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.7	Huw	Morgan	(Hawaii)	Twisted Sheet Structures and the Appearance of Coronal Streamers at Solar Maximum
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.8	Nicolas	Labrosse	(Wales)	Solar Prominence Diagnostics: Observations and NLTE Modeling
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.9	Nicolas	Labrosse	(Wales)	OVI and H2 Lines in Sunspots
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.10	Nicolas	Labrosse	(Wales)	The HeII 304A Line in Eruptive Prominences
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.11	Huw	Morgan	(Hawaii)	Observations of the FeXI 789.2nm Coronal Line During the Total Solar Eclipse of 29 March 2006
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.12	Martin	Barstow	(Leicester)	Probing White Dwarf Environments with High- resolution UV Spectroscopy
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.13	Danielle	Bewsher	(RAL)	A Benchmark Event Sequence for Mass Ejection Onset Studies
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.17	John	Brown	(Glasgow)	The Standard Thick Target of Solar Flares - Alive and Well or Terminally Ill?
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.18	Larisa	Kashapova	(Bradford)	The Multi-wavelength Study of Flare 25 July 2004
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.22	Ross	Galloway	(Glasgow)	Spectral Evolution of Solar Flare Hard X-ray Emission Due to Self-interacting, Thermalising, Fast Electrons
Plasmas P20: Spectroscopy of Solar and Stellar Plasmas	Greenbank 202	P20.23	Miruna	Popescu	(Armagh)	Can Transition Region Explosive Events be Observed at Coronal Temperatures?
P22: International Heliophysical / Polar Year	Greenbank 202	P22.1	Ji	Wild	(Lancaster)	Taking UK Solar System Science to the Public
P22: International Heliophysical / Polar Year	Greenbank 202	P22.4	Tony	van Eyken	(Eiscat Scientific Association)	EISCAT 3D - Instrumentation for the Post-IHY Period
P23: Magnetic Reconnection	Greenbank 202	L23.1	Mike	Hapgood	(RAL)	The Magnetopause Transition Parameter as an Indicator of Dayside Reconnection

throughout the Universe						
P23: Magnetic Reconnection throughout the Universe	Greenbank 202	P23.6	Grigory	Vekstein	(Manchester)	Occurrence and Signatures of the Hall-mediated Magnetic Reconnection
P23: Magnetic Reconnection throughout the Universe	Greenbank 202	P23.11	Aveek	Sarkar	(Central Lancashire)	Multistrand Coronal Loop Model
P24: Solar and STP Missions Forum	Greenbank 202	P24.1	Danielle	Bewsher	(RAL)	COMPASS - A Cosmic Vision Proposal
P24: Solar and STP Missions Forum	Greenbank 202	P24.6	Elizabeth	Auden	(UCL)	SDO and the UK Virtual Observatory
P24: Solar and STP Missions Forum	Greenbank 202	P24.13	Richard	Harrison	(RAL)	Solar Orbiter Status
P24: Solar and STP Missions Forum	Greenbank 202	P24.15	Farideh	Honary	(Lancaster)	GLORIA
P24: Solar and STP Missions Forum	Greenbank 202	P24.16	Andy	Breen	(Wales)	Solar-Terrestrial Physics with LOFAR
P24: Solar and STP Missions Forum	Greenbank 202	P24.21	Andzrej	Fludra	(RAL)	SOHO - Status and Future Plans
P25: Solar System Planetary Science	Greenbank 202	P25.3	Helen	Walker	(RAL)	Detecting Dust in Mars' Atmosphere with PFS on the Mars Express Satellite
P25: Solar System Planetary Science	Greenbank 202	P25.4	Dominic	Fortes	(UCL)	Clathrate-powered Plumes on Enceladus and Triton
P25: Solar System Planetary Science	Greenbank 202	P25.8	John	Bridges	(Leicester)	Comet Wild 2 Composition: Crater Residue Analysis
P25: Solar System Planetary Science	Greenbank 202	P25.14	John	Barker	(Glasgow)	Autonomous Smart Dust Clusters for Remote Planetary Exploration
P26: From Sun to Earth and Beyond	Greenbank 204	L26.2	Martin	Birch	(Central Lancashire)	Energetic Electron Activity in Auroral Regions: POES Satellite Observations during Enhanced Solar Wind
P26: From Sun to Earth and Beyond	Greenbank 204	L26.3	Martin	Birch	(Central Lancashire)	Variations in Cutoff Latitude During Selected Solar Energetic Proton Events
P26: From Sun to Earth and Beyond	Greenbank 204	P26.2	Durgesh	Tripathi	(Cambridge)	Multi-wavelength Observation of a Bright Coronal Downflow
P26: From Sun to Earth and Beyond	Greenbank 204	P26.3	Mike	Hapgood	(RAL)	The Moon and the Plasmasheet - A Long Dance in Earth's Magnetosphere
P26: From Sun to Earth and Beyond	Greenbank 204	P26.9	Yulia	Bogdanova	(UCL)	The Magnetospheric Low-Latitude Boundary Layer and Cusp Dynamics During Interplanetary CME Events

P26: From Sun to Earth and Beyond	Greenbank 204	P26.10	Balan	Nanan	(Sheffield)	Response of the Magnetosphere and Ionosphere to CME Events
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P26: From Sun to Earth and Beyond	Greenbank 204	P26.13	Emma	Woodfield	(Liverpool)	Effects of the Neutral Atmosphere on the Earth's Magnetic Field after a Storm
P26: From Sun to Earth and Beyond	Greenbank 204	P26.16	Andy	Breen	(Wales)	3D Structure of the Inner Heliosphere - A New View from Radio Scintillation Observations
P26: From Sun to Earth and Beyond	Greenbank 204	P26.18	Giulio	Del Zanna	(UCL)	The Solar Spectral Irradiance in the EUV
P26: From Sun to Earth and Beyond	Greenbank 204	P26.20	Philippa	Browning	(Manchester)	A Relaxation Model of Heating in Coronal Loops with Axial Structure
P26: From Sun to Earth and Beyond	Greenbank 204	P26.21	Alexandra	Cran-McGreehin	(St. Andrews)	Ionospheric Depletion in Auroral Downward Currents
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P26: From Sun to Earth and Beyond	Greenbank 204	P26.26	Silvia	Dalla	(Manchester)	New Solar Active Region Emergence and Flare Productivity
P26: From Sun to Earth and Beyond	Greenbank 204	P26.27	Andrew	Kavanaugh	(Lancaster)	Long-period Modulation of Wave-particle Interactions
P26: From Sun to Earth and Beyond	Greenbank 204	P26.31	Joe	Khan	(Glasgow)	Precursor Type II Solar Radio Emission and the Origins of Large-scale Shock Waves on the Sun
P29: Current Facilities	Greenbank 204	P29.5	Ilona	Soechting	(Oxford)	The Adaptive Optics Programme at Gemini
P29: Current Facilities	Greenbank 204	P29.8	Wayne	Holland	(UK-ATC)	SCUBA-2: Wide-field Imaging in the Submillimetre
P30: Future Facilities	Greenbank 204	P30.3	Rhaana	Starling	(Leicester)	Detecting Gamma-ray Bursts and their Afterglows with LOBSTER
P31: Astronomical Software and the Grid	Greenbank 204	P31.2	Nic	Walton	(Cambridge)	AstroGrid VO Release 2007.1
P33: Origins of Dust in the Universe	Greenbank Café	L33.4	Ciska	Markwick-Kemper	(Manchester)	Crystalline Silicates, Corundum, and Periclase in the Quasar PG 2112+059
P34: Gamma Ray Bursts	Greenbank Café	P34.5	Kim	Page	(Leicester)	GRB 061121: Broadband Spectral Evolution through the Prompt and Afterglow Phases of a Bright Burst
P34: Gamma Ray Bursts	Greenbank Café	P34.6	Olivier	Godet	(Leicester)	Swift GRB 060105: A Long Bright Burst with a Pair Attenuation Feature & Unusual Afterglow
P38: Education and Outreach	Greenbank Café	P38.2	Nick	Lister	(Lawrence House Astronomy Centre)	The Lawrence House Astronomy Centre
P38: Education and Outreach	Greenbank Café	P38.5	Stuart	Lowe	(Manchester)	The Jodcast
P38: Education and Outreach	Greenbank Café	P38.6	Dugan	Witherick	(UCL)	AstroGrid: A Relevant Learning Tool for Future Astronomers?

