

7th year Accepted Proposals from European Community

for INTERNATIONAL ULTRAVIOLET EXPLORER

Program Title	P. A.	Institute	NUMBER
The eclipse of Epsilon Aurigae	Stickland	RGD	GI 004
The protoplanetary nebula V 1016 Cyg	Nussbaumer	Zurich	GI 007
Massive post-main-sequence envelope objects of the LMC	Wolf	Heidelberg	GA 008 GA 008
Spectroscopy of Hot White Dwarfs	Reid	Sussex	GA 009
Stellar populations in lenticular galaxies	Ellis	Durham	GE 010 GE 010
Mg II emission in shortest period contact binaries	Rucinski	Cambridge	GC 011 GC 011
The symbiotic star HBV 475	Nussbaumer	Zurich	GI 013
High velocity gas associated with galactic radio loops	Bates	Belfast	GM 015 GM 015
Diffuse Lyman Alpha emission from dominant galaxies	Norgaard	Copenhagen	GQ 017 GQ 017
The neighbourhood of the Wolf-Rayet star EZ CMa	Schnutz	Zurich	GM 021 GM 021
The symbiotic star CM Cygni	Hack	Trieste	GC 022
The atmospheric eclipsing binary Epsilon Aurigae	Hack	Trieste	GC 023 GC 023

Mass-loss of Red Giants with Hot Companions	Reimers	Hamburg	GC 024 GC 024
Chromospheric modelling of late-type dwarfs	Beckman	London	GC 025 GC 025
Winds and Coronae in Red Giants	Reimers	Hamburg	GC 026
High-resolution study of CIII and Si III lines in hybrid stars	Reimers	Hamburg	GC 027 US #099
Effects of binarity and age in the chromospheric activity of rapidly rotating very late-type stars	Rucinski	Cambridge	GC 028 GC 028 GC 028
A study of the excitation mechanisms in Galaxies showing strong line emission	Ward	Cambridge	GE 030 GE 030 GE 030
IUE Observations of eclipsing cataclysmic variables	Horne	Cambridge	GI 031 GI 031
Spectrophotometric investigation of very low excitation (VLE) compact nebulae in the Magellanic Clouds	Nandy	Edinburgh	GA 032 GA 032 GA 032
Interstellar matter in OB associations	Somerville	London	GM 036
Interstellar molecular lines	Somerville	London	GM 037
Ultraviolet spectrophotometry of Hot Galaxies	Wilson	London	GE 038 US #237
Coordinated UV and X-ray observations of Xi Per	Prinja	London	GA 039 GA 039
Investigation of the Remnant Shell of the North Polar Spur Supernova	Innes	London	GM 040 GM 040
IUE observations of high-inclination close binary systems	Mason	Mullard	GI 041 US #029
Changing physical conditions in the X-ray binary HZ Her/Her X-1	Howarth	London	GI 042 GI 042

Interstellar extinction and a study of early type supergiants in the SMC	Nandy	Edinburgh	GM 045 GM 045
The stability of the IO Torus	Bertaux	Verrieres	GS 048
Deuterium in the upper atmosphere of Venus + monitoring of SO2 in upper atmosphere	Bertaux	Verrieres	GS 050 GS 050 GS 050
Observations of 2 variable Seyfert Nuclei	Ulrich	Munchen	GQ 052 GQ 052
The long-term variability of the Lyman alpha emission from Jupiter, Saturn, and Uranus	Fricke	Bonn	GS 054 GS 054 GS 054
UV observations of stars rotating very close to the theoretical break-up velocity	Molaro	Trieste	GA 055 GA 055 GA 055
Non-LTE analysis of central stars of planetary nebula	Kudritzki	Munchen	GA 056 US #034
UV spectrophotometry of compact blue dwarf galaxies	Gondhalekar	RAL	GE 057 GE 057
UV spectrophotometry of quasar Q1011 + 25 (TON 490)	Gondhalekar	RAL	GQ 058 GQ 058
UV spectrophotometry of compact radio nuclei of nearby galaxies	Gondhalekar	RAL	GQ 060 GQ 060
The UV line spectrum of the Seyfert I Galaxy ESO 438-G9	Kollatschny	Gottingen	GQ 064 GQ 064
Rapid variability in the stellar wind of a subdwarf O-star	Howarth	London	GA 067 GA 067
Multiple nucleus Seyfert Galaxies	Kollatschny	Gottingen	GQ 068
The nucleus of NGC 1705	Cacciari	Bologna	GE 071
Stellar activity cycle in Beta Hydri	Dravins	Lund	GC 072 GC 072

Stellar winds in nearby galaxies	Bianchi	Torino	GE 073
Phase resolved spectra of LMC X-1	Bianchi	Torino	GI 074
IUE observations of FK comae stars with simultaneous ground-based	Bianchi	Torino	GC 075 GC 075
UV observations of supernovae	Panagia	Bologna	GE 078
An analysis of the subdwarf-B eclipsing binary BD-7 3477	Lynas-Gray	London	GA 079 GA 079
A large scale survey of interstellar absorption in the galactic halo	West	Manchester	GM 081 GM 081 GM 081
UV observations of recently identified X-ray binaries	Bianchi	Torino	GI 082 GI 082
Observations of Orion variables emitting soft X-rays	Bianchi	Torino	GC 083 GC 083
UV observations of active late-type stars (newly identified soft X-ray emitters)	Bianchi	Torino	GC 084 GC 084 GC 084
Evolved globular cluster stars	Caloi	Frascati	GA 086
Extreme horizontal branch stars	Caloi	Frascati	GA 087
Limb crossing of an active region on Sigma Gem	Engvold	Oslo	GC 089 US #072
A precise radial velocity study of the Si III λ 1892 and C III λ 1909 emission of Beta Draconis winds or antiwinds?	Engvold	Oslo	GC 090 US #075 GC 090 GC 090
Atmospheric inhomogeneities in late type dwarf stars	Moe	Oslo	GC 091 GC 091
Non-LTE analysis of subdwarf O-stars	Heber	Kiel	GA 093
UV observation of White Dwarfs from Hipparcos program	Vauclair	Toulouse	GA 094 GA 094

Spectral photometry of Blue Stragglers	Schonberner	Kiel	GA 095 GA 095
High dispersion spectroscopy of the Hot, Pulsating White Dwarf PG1159-035	Wehrse	Heidelberg	GA 096 US #215
High dispersion observations of Planetary Nebulae	Koppen	Heidelberg	GM 097 GM 097
Stellar wind variations in the enigmatic sublumines star HD 45166 (qWR + BBV)	Willis	London	GA 100 GA 100 GA 100
Spectral analysis of blue halo stars	Heber	Kiel	GA 101
Blue edge of the ZZ Ceti instability strip	Vauclair	Toulouse	GA 102 GA 102
Stellar activity in regular-period RS CVn-like stars	Fernandez	Madrid	GC 103 GC 103
Search for H ₂ aurora and acetylene on Uranus and Neptune	Combes	Meudon	GS 104 US #276
Studies of near-halo gas	Harris	Vilspa	GM 106
Simultaneous ground based and UV observations of Post T-Tauri stars	de la Reza	R. de Janeiro	GC 108 GC 108 GC 108
Reconstruction of the hot stellar population in the giant HII region NGC 604	Sanz	Madrid	GE 109 GE 109 GE 109
Simultaneous IUE-ground base observations in symbiotic stars	Leibowitz	Tel Aviv	GI 110 GI 110 GI 110
Ultraviolet study of chamaeleon I association	Gahn	Suecia	GC 112 US #127
Existence of a nearby Ly alpha forest absorber?	Bergeron	Paris	GQ 113 GQ 113

Degree of excitation of the sharp absorption line systems of lower redshift observed in quasar spectra	Bergeron	Paris	GQ 114 GQ 114 GQ 114
Observations of Halo Planetary Nebulae	Clegg	London	GM 115 GM 115
Profiles of resonance lines in Planetary Nebulae produced by scattering and by velocity fields	Clegg	London	GM 116 GM 116 GM 116
Ultraviolet observations of interacting galaxies	Joseph	London	GE 118 GE 118
Low resolution observations of apparently normal, unreddened high-latitude, eleventh magnitude B stars	Tobin	Marseille	GA 120 GA 120 GA 120 GA 120
The envelope of the over-contact binary AW UMa	de Jager	Utrecht	GC 122 GC 122
UV observations of the hot hydrogen-deficient star HD144941	Jeffery	St Andrews	GA 123 GA 123
Extragalactic HII regions	Rosa	Munich	GE 125
High resolution short wavelength observations of the herbig Ae star HD 250550	Talavera	Vilspa	GA 126 GA 126 GA 126
Simultaneous UV, X-Ray and optical observations of NGC4593	Clavel	Meudon	GQ 127 GQ 127
Ultraviolet studies of the shells of Herbig Ae and Be stars	Tjin A Djie	Amsterdam	GA 133 GA 133
Mass-loss of Cepheids Variables	Deasy	Dublin	GC 134
Atmospheric structure of RSCVn stars	Doyle	Ireland	GC 135 GC 135
Evolution and chemical enrichment in blue compact galaxies	Olofsson	Sweden	GE 136 GE 136

Orange giants of fundamental importance	Gustafsson	Sweden	GC 137 GC 137
Formation of UV continua and faint emission lines in Herbig-Haro objects	Mundt	Heidelberg	GM 138 US #021 GM 138
Simultaneous X-ray, ultraviolet, optical and infrared observations of RU Lupi	Giovannelli	Frascati	GC 142 GC 142 GC 142
UV monitoring of the P Cygni star AG Carinae	Barylak	Vilspa	GA 144 GA 144
Probing the wind of P Cygni by studying the variable shell of 1983-84	Lamers	Utrecht	GA 146 GA 146 GA 146
UV observations of classical novae	Cassatella	Vilspa	GI 147
Intervening gas investigations by IUE observations of the UV-bright central object in NGC 2018 and other young globular clusters in the LMC	Geyer	Bonn	GM 148 GM 148 GM 148 GM 148 GM 148
The stellar content of young open and globular clusters in the Magellanic Clouds	Cassatella	Vilspa	GE 149 GE 149 GE 149
High resolution ultraviolet spectral of cool carbon stars	Gustafsson	Sweden	GC 150 US #250
Anomalous ultraviolet stars	Carnochan	London	GA 153
The eclipsing cataclysmic variables V2051 Oph and PG1012-029	Hill	St Andrews	GI 155 GI 155
Interacting binaries	Drechsel	Bamberg	GI 156
Observations of Lyman-alpha halos of galaxies, using QSOs as background probes	Blades	Baltimore	US #254 GE 157 GE 157

UV spectroscopy of emission line gas in the Central Galaxies of X-ray luminous clusters	Blades	Baltimore	GQ 158 US #216 GQ 158
Search for circumstellar UV extinction towards stars with cool circumstellar dust	van der Hucht	Utrecht	GM 163 GM 163 GM 163
The chromospheres, Coronae and Winds of Hybrid bright giants	Jordan	Oxford	GC 167 US #107
The chromospheres, coronae and winds of low gravity stars	Jordan	Oxford	GC 168 US #094
The evolution of stellar chromospheres	Jordan	Oxford	GC 169 US #019
Chromospheres of Red Giant stars in globular clusters	Jordan	Oxford	GC 170 US #271
High and low dispersion spectral study of active regions in RS Canum Venaticorum systems	Rodono	Catania	GC 171 US #078 GC 171
An ultraviolet study of two bipolar Planetary Nebulae	Kohoutek	Hamburg	GI 172 GI 172
Metallicity and the level of the UV rising branch in elliptical galaxy	Bertola	Padova	GE 173 US #204
Observations of cooling flow galaxies	Fabian	Cambridge	GQ 175
The hot end of HB in galactic globular clusters	Castellani	Roma	GA 176 GA 176
Phase-resolved observations of UV superhumps during dwarf nova superoutbursts	Hassall	Vilspa	GI 178 GI 178 GI 178
Secular changes in quiescent dwarf novae	Hassall	Vilspa	GI 179 GI 179
A far UV extinction of heavily reddened stars in the LMC	Prevot	Marseille	GM 180 GM 180

Three dimensional mapping of the nearby interstellar medium by combined ultraviolet and optical spectroscopy	Grewing	Tubingen	GM 183 GM 183 GM 183 GM 183
Electron scattering and photo-ionisation variations in SCD X-1	Willis	London	GI 184 GI 184
Ultraviolet observations of the radio galaxy 2152-69	Tadhunter	RGD	GQ 185 GQ 185
Ultraviolet observations of the radio galaxy NGC 1052	Tadhunter	RGD	GQ 186 GQ 186
Spatially resolved observations of Saturn and Jupiter at 1700-1900 Å and 2100-2600 Å	Moore	London	GS 188 GS 188 GS 188
Study of the physical conditions of the interstellar matter between the Sun and Sirius	Gry	Vilspa	GM 190 GM 190 GM 190
Absolute spectrophotometry of faint blue stars for calibration of the Space Telescope	Gry	Vilspa	GA 191 GA 191 GA 191
Observations of IC 4406, NGC 6326, NGC 6629, and NGC 6833	Grewing	Tubingen	GM 195 GM 195
Energy distribution of Be/shell stars	Doazan	Paris	GA 197 GA 197
Simultaneous voyager, IUE, visual observations of active Be stars	Doazan	Paris	GA 198 US #257
The L1551 IRSS Jet	Doazan	Paris	GC 199
UV observations of liners with known IR and X-ray excesses	Lawrence	RGD	GQ 202 GQ 202
UV observations of a complete X-ray selected sample of active galaxies	Boisson	Meudon	GQ 203 GQ 203 GQ 203
Continued monitoring of NGC 4151	Penston	RGD	GQ 205

Line profiles in T Tauri stars	Penston	RGD	GC 206
Expanding shells of interstellar gas around OB associations	Pettini	RGD	GM 207 GM 207
Distances of 21 centimeter high velocity (OORT) clouds	Pettini	RGD	GM 208 US #221
Short time variations in the mass-loss rate of early-type stars	Henrichs	Amsterdam	GA 209 US #189 GA 209
Magnetic braking in cool giant stars	Mangeny	Meudon	GC 210 GC 210
Variable chromospheric activity in the Herbig Ae star AB Aur	Praderie	Meudon	GA 211 US #158
Ultraviolet observations of newly discovered X-ray sources	Bonnet-Bidaud	Meudon	GI 215 GI 215
UV observations of T Tauri stars	Stalio	Trieste	GC 219
Simultaneous UV and X-ray observations of highly polarized QSO's	Maccagni	Milano	GQ 220 GQ 220
Coordinated X-ray and UV observations of magnetic white dwarfs in binaries	Maraschi	Milano	GI 224 GI 224 GI 224
Coordinated UV and optical observations of BL Lac objects	Tanzi	Milano	GQ 225 GQ 225
Coordinated UV and X-ray observations of Seyfert galaxies and QSOs	Treves	Milano	GQ 226 GQ 226 GQ 226
Periodic & new comets	Wallis	Cardiff	GS 227
Lyman alpha emission in blue compact emission line galaxies	Deharveng	Marseille	GE 228 GE 228
Lyman continuum observations of broad absorption line QSOs	McMahon	Cambridge	GQ 229 US #245

The interacting binary HD 352 (5 Cet)	Zwaan	Utrecht	GC 230 GC 230
Outer atmospheres of evolved stars of low activity	Zwaan	Utrecht	GC 231 GC 231
Hot-extrem-soft X-ray emitting white dwarfs	Heise	Utrecht	GA 232 GA 232
The 67-min period in EX Hya	der Woerd	Utrecht	GI 233
Dwarf novae in outburst, simultaneously with EXOSAT	Heise	Utrecht	GI 234 GI 234
An Her revisited, simultaneous with EXOSAT	Heise	Utrecht	GI 235 GI 235
Diffuse light near Zeta Orionis	de Boer	Tubingen	GM 236
Coordinated ultraviolet, optical and radio study of stellar flares	Rodono	Catania	GC 243 US #132
UV observations of the secondary component of Algol-type binaries	Catalano	Catania	GI 244 GI 244
Mg II emission of MS stars in open clusters	Catalano	Catania	GC 245 GC 245
Short wavelength high dispersion observations of the giants HD 85444 and HD 141714	Catalano	Catania	GC 246 GC 246 GC 246
Study of the local interstellar medium through MG II absorptions	Molaro	Trieste	GM 248 GM 248
Carbon stars sequence: R to N stars	M. Querci	Toulouse	GC 250 GC 250
Two unique objects in the Large Magellanic Cloud	Israel	Leiden	GE 251 GE 251
High resolution UV spectra of NGC 5236 (=M 83)	Wansteke	Vilspa	GE 252 US #290

OB association contamination in spectra of SN Evans 1983 in M 83	Panagia	Bologna	GE 255 US #291
Probing Seyfert I nuclei over a large wavelength range	Wansteke	Vilspa	GQ 256 GQ 256
Variability time scale of Lyman alpha from Uranus	Festou	Paris	GS 258 US #227
Extrinsic absorption systems in QSO PKS 1327-206	Kunth	Paris	GQ 260 GQ 260
Observations of Planetary Nebulae with anomalously high neon abundance	Pottasch	Groningen	GM 261 GM 261
Ultraviolet observations of RCB stars	Evans	Keele	GC 262
Ultraviolet extinction properties of Cometary Dust	Evans	Keele	GS 264 GS 264