Joint European and National Astronomical Meeting for 1997

JENAM-97

6th European and 3rd Hellenic Astronomical Society Conference

2 – 5 July 1997, Thessaloniki, Greece

POSTER PRESENTATIONS

Dynamical Astronomy

DY01	O. Molotaj et al.	"Reference frame realized by RSC(GAOUA)97 C 01"
DY03	N.A. Solovaya	"Perturbations in eccentricity of outer orbit in three-body problem"
DY03	K. Tsiganis et al.	"Lyapunov Numbers and Stochastic Layer Widths in a Perturbed Pendulum"
DY04	V. Mioc et al.	"The Schwarzschild problem: a model for the motion in the Solar System"
DY05	E.A. Perdios et al.	"Parameter values for possibly stable low-inclination periodic motion in the restricted problem with radiation"
DY06	J.C. Coma et al.	"The "best approximation" of Planetary Ephemeris: Comparison between different coordinate systems"

Solar Physics

SL01	I. Dorotovič	"N-S asymmetry of the area of polar coronal holes as estimated from the green coronal line intensities over the period 1939-1996"
SL02	A.A. Mihajlov et al.	"Chemi-ionization and chemi-recombination processes influence on excited atom populations in Solar atmospheres"
SL03	E.P. Kontar et al.	"Plasma emission of electron beams in the low corona"
SL04	I. Ermolli et al.	"The Rome P.S.P.T. (Precision Solar Photometric Telescope): One Year After"
SL05	W. Tirry et al.	"The role of the quasi-modes in the wave-heating of line-tied coronal loops"
SL06	L.A. Pustil'nik	"Current Percolation in the Turbulent Current Sheet of Flare: Flare as a Threshold of Percolation, Precursors, Universal Amplitude-Frequency Spectrum"

Solar Physics (cont.)

SL07	L.A. Pustil'nik	"Resonance Properties of the Coronal Magnetic Structure and Diagnostic of Preflare Evolution"
SL08	V.M. Efimenko et al.	"About large-scale solar magnetic fields distribution and space-time distribution of active region on Sun,1976-1989"
SL09	C. A. Mendoza-Briceño	"Thermal condensations in coronal loops"
SL10	J.M. Polygiannakis et al.	"Intermittency in the solar cycle"
SL11	V.N. Krivodubskij	"On the period of the solar dynamo-cycle"
SL12	L.M.B.C. Campos et al.	"On Alfvèn waves in a radial flow and magnetic field"
SL13	G. Tsiropoula et al.	"Two dimensional distribution of physical parameters in dark mottles assuming constant and non-constant source function"
SL14	G. Tsiropoula et al.	"Comparison of line-of-sight velocities of chromospheric structures derived by three different methods"
SL15	M.K. Georgoulis et al.	"Variability of the Occurrence Frequency of Solar Flares and the Statistical Flare"
SL16	L.M.B.C. Campos et al.	"Heating of the solar chromosphere by Alfvén waves revisited"
SL17	N. Petrov et al.	"Plasma velocity field of two quiescent prominences with different morphology"
SL18	S.I. Musatenko et al.	"The impulse bursts of the nearearth space radionoises were caused by a X-ray solar flares"
SL19	I. Vince et al.	"On the Behaviour of Photospheric MnI 539.47 nm Spectral Line"
SL20	V.I. Ivanchuk et al.	"On relation of the solar corona structure with the heliospheric current sheet (1976-1994)"
SL21	B.A. Ioshpa et al.	"Evolution of the Filament/CH/ Magnetic Field Complex"
SL22	A.D. Pataraya et al.	"11 Years Oscillations of P-Modes caused by Weak Non-Linear α-Ω Dynamo Waves"
SL23	O.A. Golubchina	"The sympathetic flares and bursts, the synchronous enchancements of the local solar sources radio emissions, the X-ray solar sources interactions"
SL24	Yu.V. Pisanko et al.	"Gyroscopic Waves in the Base of the Solar Corona: A Model and Possible Observational Manifestations"

Space and Planetary Physics and Astronomy

SP01	K. Issautier et al.	"Solar wind tri-dimensional structure from pole-to-pole Ulysses radio measurements"
SP02	Alexandre V.Kuznetsov	"Solar coronal mass ejections and cosmic gamma-ray bursts"
SP03	V.K. Rosenbush et al.	"The Behaviour of Polarization of the Galilean Satellites of Jupiter near the Inversion Angle"

Space and Planetary Physics and Astronomy (cont.)

SP04	M.S. Dement'ev	"Correlated variations of radio fluxes and equivalent widths of the methane absorption bands in spectra of Uranus and Neptune"
SP05	C.D. Dinev et al.	"Secular stability criterion for the Asteroidal Belt"
SP06	K.I. Churyumov et al.	"On new index of cometary outburst activity"
SP07	K.I. Churyumov et al	"Spectral monitoring of the head of comet Hale-Bopp (C/1995 O1) with the 6-m BTA reflector"
SP08	B. Zafiropoulos et al.	"Impact of a 10 km meteorite on earth"
SP09	E.S. Belenkaya	"Possible mechanism of magnetic field amplification outside the magnetopause of a quickly spinning planet"
SP10	M.L. Belous et al.	"Decceleration of supernovae in the circumstellar wind and their radio emission"
SP11	S. Ibadov	"Paradox of Fe II Type Ions in Comets Like Halley 1986 III"
SP12	I. Simonia et al.	"On the Variation of Neutral Gas Outflow Rate in Cometary Heads with the Variation of their Heliocentric Distances"
SP13	A.K. Terentjeva	"Large meteor bodies"
SP14	M. Savopulos et al.	"Diffusive shock acceleration: The permitted values of the r-dependence, and v-dependence of the diffusion coefficient k"
SP15	V. Petropoulos et al.	"CMEs etc."
SP16	N.F.Sidiropoulos et al.	"Coronal Mass Ejection -Earth;s Magnetosphere interaction :GEOTAIL,INTERBALL and WIND observations"

Stellar and Interstellar Astrophysics

SA01	M.E. Contadakis	"On the short term periodic light variations of the flare star BY"
SA02	V.G. Karetnikov	"Group characteristics of the subgiants in close binary systems"
SA03	D. Cesarsky et al.	"Mid-IR spectrophotometry of Galactic objects"
SA04	D.V. Bisikalo et al.	"Stream-disk morphology in interacting binaries"
SA05	M.S. Dimitrijević et al.	"On Stark broadening of Y III spectral lines for stellar plasma research"
SA06	M.S. Dimitrijević et al.	"Broadening due to collisions with charged particles of V V lines in hot star plasmas"
SA07	A.A. Mihajlov et al.	"The influence of ion - atom complexes on the stellar plasma kinetic and optical characteristics of stellar atmospheres"
SA08	L.Č. Popović et al.	"Electron-impact broadening mechanism in Hg-Mn star atmospheres: Stark widths for Mn II lines"
SA09	I.I. Nikiforov et al.	"The Galactic disk rotation curve and distance scales for planetary nebulae"
SA10	I.B. Pustylnik et al.	"Models of Anisotropic Evaporative Wind in Detached Binaries: Application to Precataclysmic Variables"
SA11	I. Pustylnik	"On the Short-Time Evolutionary History of VW Cephei"
SA12	V. Trajkovska et al.	"Mass Distribution of the A and B Components of Nearby Visual Double Stars"

Stellar and Interstellar Astrophysics (cont.)

SA13	E.H. Semkov et al.	"V 350 CEP – A possible FU ORIONIS type star"
SA14	A.G. Gunn et al.	"A non-empirical rotation–activity correlation for active binaries"
SA15	I.B. Voloshina et al.	"The Optical Behaviour of Cyg X-1 during the Summer 1996 X-ray Burst"
SA16	O. Barziv et al.	"Weighing the mass of Vela X-1"
SA17	M. Stathopoulou et al.	"A study of the superionized spectral line of the star HD 152408"
SA18	E. Danezis et al.	"A Study of the superionized spectral line of the star HD 164794"
SA19	E. Theodossiou et al.	"A study of the superionized spectral line of the star HD 36861"
SA20	E. Danezis et al.	"A study of the superionized spectral line of the star HD 66811"
SA21	V.S. Geroyannis et al.	"Rotating magnetic white dwarf models with periods $10^0 - 10^2$"
SA22	V.S. Geroyannis et al.	"Numerical models simulating internal stellar rotation (s)"
SA23	V. Tsikoudi et al.	"The EUV coronae of late-type stars"
SA24	L.G. Filipov	"Nonlinear behavior in Accretion Disks"
SA25	A.M. Cherepashchuk	"Analysis of Optical and Infrared Light Curves of Cyg X-1"
SA26	E. Antonopoulou et al.	"UV and EUV observations of the active binary UX Ari"
SA27	M.H.S. Ibáñez	"On the Thermochemical Instability of a Photoionized Plasma"
SA28	T. Tomov et al.	"High-Velocity Emission in RS Oph"
SA29	L.S. Kudashkina	"Linear dependencies between the hump duration and main photometric characteristics"
SA30	D.S. Wiebe	"Self-consistent chemo-dynamical model of protostellar clouds"
SA31	M.G. Nikolashvili	"IV-N Spectral Survey"
SA32	M.G. Nikolashvili	"Distribution of Carbon Stars in the Galaxy"
SA33	M.G. Nikolashvili et al.	"A high-speed photometric survey of Ap stars"
SA34	J. Arsenijevic et al.	"Optical polarization changes during the eclipse period of VV CEP"
SA35	S.G. Moiseenko et al.	"Collapse of rotating nonmagnetized and magnetized stars"
SA36	J. Arsenijevic et al.	"Polarization changes of the star 59 Cygni"
SA37	V.M. Chechetkin	"Neutrino mechanism of supernova explosion"
SA38	U.Sh. Bayazitov et al.	"H & K CaII lines in Five T Tauri Stars"
SA39	A. Parravano	"Induced gas condensation and the large scale patterns of star formation"
SA40	P. Ambrocio-Cruz et al.	"Kinematic study of the NorthWestern quarter of the Large Magellanic Cloud"
SA41	A.V. Halevin	"Classification of three suspected variable stars"
SA40	V.I. Marsakova	"Phase curve changes and secondary cycles in the Mira-type star W Lyr"
SA41	N. Sánchez et al.	"Star formation in a hierarchical model for Cloud Complexes"
SA42	E.N. Vinyajkin et al.	"Spectrum of the linearly polarized component of galactic radio emission toward the north celestial pole"
SA43	N.G. Bochkarev et al.	"Investigation of ionized component of Local Interstellar Medium by the method of examine with cosmic radiosource radioemission"
SA44	L.S. Kudashkina	"Linear dependencies between the hump duration and main photometric characteristics of the light curves of Mira–type stars in connection to the evolutionary stage"

Galaxies

GA01	E.T. Chatzichristou	“Bidimensional spectroscopy of interacting galaxies”
GA02	G.I. Karanis et al.	“Applications of an N-body simulation code in a system of interacting galaxies”
GA03	R. Korakitis et al.	“Detecting the variation in the lower mass limit of stellar associations in Galaxies”
GA04	F.E. Maragoudaki et al.	“Detection and structure of Stellar Complexes in the LMC”
GA05	N.N. Bursov et al.	“The Update Spectral Catalog of Sources of the Deep RATAN-600 Survey”
GA06	Yu.N. Parijskij et al.	“The Program of Distant Radio Galaxies in Special Astrophysical Observatory of Russia”
GA07	P.A. Patsis et al.	“Testing spiral structure by numerical simulations”
GA08	I.V. Petrovskaya	“The kinematics and spiral structure of the Galaxy from the neutral hydrogen”
GA09	N. Voglis et al.	“Density waves in the early evolution of the galaxies”
GA10	E.M. Xilouris	“The distribution of stars and dust in spiral galaxies”
GA11	S.A. Silich et al.	“Gas outflows in Starburst dwarf galaxies with extended halos”
GA12	L.M. Sharipova et al.	“On the fast variability of the NGC 4151 nucleus flux in 1988”
GA13	I.I. Pronik et al.	“Differences in emission line spectrum in maximum and minimum of the nucleus brightness of Seyfert galaxy NGC 7469”
GA14	I.I. Pronik et al.	“Long and short-term variability of the emission lines in the nuclear spectrum of the Seyfert galaxy NGC 7469”
GA15	O.M. Kurtanidze	“Photographic and CCD observation of the nearby clusters of galaxies”
GA16	O.M. Kurtanidze	“A multiband CCD survey of interacting galaxies in clusters and in the field”
GA17	V.A. Ambartsumian et al.	“A new mechanism of origination of additional components in hydrogen emission linesin the spectra of AGN ”
GA18	A.M. Botaschev et al.	“Investigation of A1185 cluster and its vicinity”

Observational Astronomy – Instrumentation

OB01	B. Ryabov et al.	“The program of first observations on the Ventspils 32 m radiotelescope”
OB02	P.G. Niarchos et al.	“A photometric study of the eclipsing system YY CMi”
OB03	I.L. Andronov et al.	“Parametric and Non-parametric methods for the periodogram analysis: Interrelations and properties of the test functions”
OB04	A.V. Halevin et al.	“Computer Programs for the Time Series Analysis of Variable Stars”

Observational Astronomy – Instrumentation (cont.)

OB05	G. Djurašević et al.	"Long-term activity of the eclipsing binary *AB And*"
OB06	E. Antonopoulou et al.	"Coronal variability of RS CVn binaries in the EUV"
OB07	D.R. Lorimer et al.	"The European Pulsar Network Pulse Profile Database"
OB08	A.G. Polatidis	"The Joint Institute for VLBI in Europe (JIVE)"
OB09	V.I. Marsakova	"Asymptotic parabola fit of Astronomical Signals"
OB10	A.S. Kharin	"About the IRAS PSC position accuracy melioration"
OB11	S.I.Plachinda	"Achromatic Stokesmeter for precision measurements of stellar magnetic fields using CCD-detector"
OB12	G. Damljanovic	"Some long-period variations of BLZ latitude observations"
OB13	M. Dačić et al.	"A comparison of the belgrade observational catalogues with the FK5 catalogue"

High Energy Astrophysics

HE01	R. Burenin et al.	"Search of the correlation between locations of gamma-ray bursts sources and Abell clusters"
HE02	G. Pülhoffer	"Recent TeV Gamma Ray Observations of AGNs with the HEGRA System of Imaging Atmospheric Cherenkov Telescopes"
HE03	M. Georganopoulos et al.	"Modeling the multiwavelength variability of the BL Lacertae object PKS 2155-304"
HE04	P. Chadwick et al.	"Recent Observations of X-ray Selected AGN's in VHE gamma-rays"
HE05	A.Maciolek-Niedzwieski et al.	"Compton Reflection in the vicinity of a rotating black hole"
HE06	V. Kalogera et al.	"Close double neutron star systems: evidence for supernova kicks"
HE07	L. Pustil'nik	"On Stability of Accretion Models and "Hidden" Assumptions""
HE08	A. Lutovinov et al.	"The emission/absorption features in the Her X-1 "high-on" spectrum Pulse phase spectroscopy"
HE09	E.A. Karitskaya et al.	"Properties of Optical Brightness Variations of Cyg X-1 in 1995–1996 Including X-Ray Hard and Soft States"
HE10	Y.A. Gallant	"Radio wave propagation in pulsar magnetospheres"
HE11	E. Asseo	"Microstructures in pulsar radio emissions"
HE12	P. Chadwick et al.	"VHE Gamma Rays from PSR B1706-44"
HE13	P. Chadwick et al.	"The University of Durham Mark 6 Gamma Ray Telescope"

High Energy Astrophysics(cont.)

HE14	V.G. Kurt et al.	“Can the problem of origin of gamma ray bursts be solved?”
HE15	J. Zhao et al.	“Numerical study of anomalous resistivity in an electron positron plasma”
HE16	P. Magdziarz et al.	“UV/X-ray correlation in NGC 5548”
HE17	S.V. Lavrov et al.	“Observations of the black hole candidate GX339-4 with the TTM telescope on board the MIR-KVAN”
HE18	S. Repin	“Geminga: mechanism of gamma-radiation and geometry of pulsar rotation”
HE19	O. Chedia et al.	“Generation of Electrostatic field in Relativistic Plasma of Pulsar Magnetoshere”
HE20	L. Sun et al.	“Observing results of high energy cosmic ray incident direction from the Northern and Southern hemispheres”
HE21	S. Ibadov	“Comets as Possible Targets for ROSAT and XMM”
HE22	V.L. Kauts	“The radio-detection of positronium in the regions of annihilation”

Cosmology and Relativity

CR01	V.I. Zhdanov	“Apparent motion of radiation source image in microlensing events as the source of astrophysical information”
CR02	E. Giraud (A. Athanassoula)	“Gravitation on large scales”

History of Astronomy

HS01	E. Theodossiou et al.	“The Macedonian Calendar in Macedonia”
HS02	E. Theodossiou et al.	“The Macedonian Calendar outside Macedonia”
HS03	E. Theodossiou et al.	“Macedonian Calendars in Macedonia during the Roman Occupation”
HS04	R. Pousoulidou	“Sundials in the Propylaea of Acropolis at Athens”
HS05	A. Gaina	“History of Astronomy in Moldova”
HS06	A.A. Korsun’	“Story of Pop-Ivan Observatory in Ukrainian Carpathian Mountains”