

ACADEMIA ROMÂNĂ
FILIALA CLUJ-NAPOCA



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MAI 2016

P R O G R A M

ACADEMIA ROMÂNĂ – FILIALA CLUJ-NAPOCA
OBSERVATORUL ASTRONOMIC CLUJ-NAPOCA

UNIVERSITATEA BABES-BOLYAI CLUJ-NAPOCA
FACULTATEA DE MATEMATICA SI INFORMATICA
FACULTATEA DE FIZICA

Luni, 30 Mai 2016

Observatorul Astronomic Cluj-Napoca
Str. Ciresilor nr. 19

SYMPOSIUM

Vistas in Astronomy, Astrophysics and Space Sciences

Ora 10,00

Mihai BARBOSU (Rochester Institute of Technology, School of Mathematical Sciences,
Rochester, New York, USA)
On Sundman's inequality

Cristina BLAGA (Universitatea "Babes-Bolyai" Cluj-Napoca, Facultatea de Matematica si
Informatica)
Stability of circular orbits in generalized Manev two-body problem

Alexandru MARCU (Universitatea "Babes-Bolyai" Cluj-Napoca, Facultatea de Fizica)
Kelvin-Helmholtz instabilities in solar plasma structures

Bogdan DANILA (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-
Napoca; Universitatea "Babes-Bolyai" Cluj-Napoca, Facultatea de Fizica)
MHD cellular automata simulations. Applications on GRB afterglows

Coffee break

Ora 12,00

Tiberiu HARKO (Department of Mathematics, University College London, Gower Street,
London, WC1E 6BT, United Kingdom)
Superconducting dark energy models

Gabriela MOCANU (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic
Cluj-Napoca)
Radiation of charged particles undergoing Brownian motion

Mirel BÎRLAN (Institut de Mécanique Céleste et de Calculs des Ephémérides, Observatoire de Paris, CNRS UMR8028, 77 av. Denfer t-Rochereau, 75014 Paris Cedex, France; Academia Româna, Institutul Astronomic Bucuresti)
FRIPON – network of meteor allsky cameras

Dan Alin NEDELCU (Academia Româna, Institutul Astronomic Bucuresti)
Spectral and dynamical modelling of near Earth asteroids

Marcel POPESCU (Institut de Mécanique Céleste et de Calculs des Ephémérides, Observatoire de Paris, CNRS UMR8028, 77 av. Denfer t-Rochereau, 75014 Paris Cedex, France; Academia Româna, Institutul Astronomic Bucuresti)
Near-infrared colors of minor planets recovered from VISTA – VHS survey (MOVIS)

SYMPOSIUM

Vistas in Astronomy, Astrophysics and Space Sciences

Ora 16,00

David MKRTICHIAN (National Astronomical Research Institute of Thailand (NARIT)
191 Siriphanich Bldg., Huaykaew Rd, Suthep, Muang Chiang Mai 50200, Thailand)
The oEA stars

Alexandru POP (Academia Româna Filiala Cluj–Napoca, Observatorul Astronomic Cluj-Napoca),

Maria CRACIUN, Calin VAMOS (Academia Româna Filiala Cluj-Napoca Institutul de Calcul "Tiberiu Popoviciu")

Gabriela MOCANU (Academia Româna Filiala Cluj–Napoca, Observatorul Astronomic Cluj-Napoca)

Orbital period modulation in WW Cygni: quasiperiodicity versus multiperiodicity

Ferenc SZENKOVITS (Universitatea "Babes-Bolyai" Cluj-Napoca, Facultatea de Matematica si Informatica)

Companions and their possible orbital architectures around WW Cygni

Tibor HEGEDUS (Baja Astronomical Observatory, Hungary)
Reserved subject

Octavian BADESCU (Academia Româna, Institutul Astronomic Bucuresti)
Astro-geodetic platform for high accuracy geoid determination

Radu DANESCU, Razvan ITU (Universitatea Tehnica din Cluj-Napoca, Facultatea de Automatica si Calculatoare),

Vlad TURCU, Dan MOLDOVAN (Academia Româna Filiala Cluj–Napoca, Observatorul Astronomic Cluj-Napoca)

Mercury 2016 Transit - High Accuracy Timing Observation Strategy

Octavian CRISTEA (BITNET CCSS Cluj-Napoca),
Vlad TURCU (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-Napoca)
Observational Requirements and Concepts to Improve the European SST capabilities - Romanian projects

Coffee break

Ora 19,00

Poster session

Mihai BARBOSU (Rochester Institute of Technology, School of Mathematical Sciences, Rochester, New York, USA)

Ciprian CHIRUTA (Universitatea de Stiinte Agricole si Medicina Veterinara "Ion Ionescu de la Brad", Iasi)

Tiberiu OPROIU (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-Napoca)
Rein's model for the restricted elliptic three-body problem with quadratic drag

Diana Rodica CONSTANTIN (Academia Româna, Institutul Astronomic Bucuresti)
Black hole effect and gravitational redshift in post-Newtonian fields

Doina IONESCU (Academia Româna, Institutul Astronomic Bucuresti)
On Brahe, Kepler, Galilei

Doina IONESCU (Academia Româna, Institutul Astronomic Bucuresti)
Zalmoxis and Pythagoras in ancient Greek sources

Mira-Cristiana ANISIU (Academia Româna Filiala Cluj-Napoca Institutul de Calcul "Tiberiu Popoviciu")

Iharka CSILLIK (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-Napoca)
On some corrected Newtonian potentials with application

Cristian VIRAG (Muzeul Judetean Satu-Mare)

Iharka CSILLIK (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-Napoca)
The alignments's study in the Neolithic necropolis Urziceni

Iharka CSILLIK (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-Napoca)
A double Levi-Civita regularization with application

Vlad TURCU, Mircea LIVIU, Dan MOLDOVAN (Academia Româna Filiala Cluj-Napoca, Observatorul Astronomic Cluj-Napoca)
Observing "2015 TB145" NEO at its closest approach to Earth

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COMITETUL NATIONAL ROMÂN DE ASTRONOMIE

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Marti, 31 Mai 2016, ora 10,00

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MASA ROTUNDA

Literatura astronomica în România