

ΑΚΑΔΗΜΙΑ ΑΘΗΝΩΝ
ΚΕΝΤΡΟ ΕΡΕΥΝΩΝ ΑΣΤΡΟΝΟΜΙΑΣ & ΕΦΑΡΜΟΣΜΕΝΩΝ ΜΑΘΗΜΑΤΙΚΩΝ

ACADEMY OF ATHENS
RESEARCH CENTER FOR ASTRONOMY & APPLIED MATHEMATICS

Σεμινάρια / Seminars

2008 - 2020

Date	Speaker	Title
25 Feb 2020	Vasileios Basios Université Libre de Bruxelles, Interdisciplinary Centre for Nonlinear Phenomena & Complex Systems (Cenoli-ULB) & Département de Physique des Systèmes Complexes et Mécanique Statistique	Labyrinth Chaos: Conservative, non-Hamiltonian Chaos without Attractors
18 Feb 2020	Elias Koulouridis National Observatory of Athens / IAASARS	Tracing the Universe: X-ray surveys and cosmology
11 Feb 2020	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Moss, the trace of hot loops in EUV, an ongoing research
28 Jan 2020	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Chaos and ergodicity in the trajectories of two entangled Bohmian qubits
21 Jan 2020	George Dimopoulos National Observatory of Athens	Coronal properties of Sy I Active Galaxies
14 Jan 2020	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Some open issues in Galactic Dynamics and the contribution of Image Processing in resolving them
30 Dec 2019	Grigorios Panotopoulos Instituto Superior Tecnico, University of Lisbon, Portugal	Probing the unknown nature of Gravitation and Dark Matter in the Universe with compact objects
30 Dec 2019	Eleni Vardoulaki Max-Planck Institute for Radio Astronomy, Bonn, Germany	Radio AGN and their role in galaxy evolution
23 Dec 2019	Matthaios Katsanikas School of Mathematics University of Bristol,	The Phase Space Transport in a Caldera potential energy surface
19 Dec 2019	Ioannis Dalianis National Technical University of Athens	Exploring the universe through the stochastic gravitational wave background
17 Dec 2019	Kyriaki I. Antoniadou Aristotle University of Thessaloniki	Periodic orbits in the era of exoplanetary discoveries
17 Dec 2019	Constantinos Pallis Aristotle University of Thessaloniki	B-L Higgs inflation Confronts PLANCK and LHC
16 Dec 2019	Evangelos Sfakianakis Lorentz Institute for Theoretical Physics, Leiden University	Attractors, Bifurcations and Curvature in Multi-Field inflation
16 Dec 2019	Sophia Lianou University of Athens	Interstellar medium and star formation properties in local Universe galaxies
11 Dec 2019	Despoina K. Skoulidou Aristotle University of Thessaloniki	Dynamics of artificial satellites and space debris in near Earth region

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10 Dec 2019	Nikolaos Pappas University of Thessaly	The large D limit of Gravity: applications and implications
4 Dec 2019	Loukas Vlahos Department of Physics, Aristotle University of Thessaloniki	Transport and acceleration of particles in turbulent astrophysical plasmas
26 Nov 2019	Georgios Loukes-Gerakopoulos Astronomical Institute of the CAS, Czech Republic	Dynamical astronomy in extreme mass ratio inspirals
19 Nov 2019	Stella Boula Department of Physics, University of Athens	Modeling the non-thermal emission from blazars
12 Nov 2019	Evangelie (Lia) Athanassoula Laboratoire d'astrophysique de Marseille (LAM)	What determines the formation and evolution of a bar in disc galaxies?
5 Nov 2019	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Bohmian trajectories of entangled qubits
29 Oct 2019	Ioannis Myserlis Max-Planck-Institut für Radioastronomie, Bonn, Germany	High-accuracy, linear and circular radio polarimetry as a probe of physical conditions in jets and outflows
22 Oct 2019	Georgios O. Papadopoulos University of Athens & University of Thessaloniki	Preserving Kerr symmetries in deformed space-times
15 Oct 2019	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Universal Quantum Equilibrium and the interpretation of quantum probabilities
8 Oct 2019	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Hybrid Numerical Simulations of Pulsar Magnetospheres
1 Oct 2019	Amr El-Zant Centre for Theoretical Physics, The British University in Egypt	'Heating' Dark Matter: Gas Fluctuations and Quantum Effects on Galactic Scales
24 Sep 2019	George Contopoulos Academy of Athens	A historical overview of George Contopoulos' scientific work (II)
17 Sep 2019	George Contopoulos Academy of Athens	A historical overview of George Contopoulos' scientific work (I)
10 Sep 2019	Perseas Christodoulidis University of Groningen	Scaling attractors in multi-field inflation
23 Jul 2019	Eleni Christodoulidi Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Fermi-Pasta-Ulam problem: Ergodic or not?

Date	Speaker	Title
16 Jul 2019	Spiro K. Antiochos NASA/GSFC	The Magnetic Connection Between the Sun and Interplanetary Space
18 Jun 2019	Konstantinos Dialynas Academy of Athens, Office of Space Research & Technology	Recent advances in the study of the global Heliosphere using Energetic Neutral Atoms from Cassini combined with Voyager 1&2 energetic ions
11 Jun 2019	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Chaos at the crossroad: the dynamics of navigation satellites
4 Jun 2019	Kostas Tziotziou National Observatory of Athens / IAASARS	The Sun: from worship to philosophy and scientific observation and interpretation
28 May 2019	Costas Bouratzis Department of Physics, University of Athens	Fine Structure of Metric Type IV Radio Bursts Observed with the ARTEMIS-JLS Radio-Spectrograph
21 May 2019	Antonis Georgakakis National Observatory of Athens	Forward Modeling the Energetic Universe: semi-empirical methods for interpreting the properties of Active Galactic Nuclei
14 May 2019	Nick Sergis Academy of Athens, Office of Space Research and Technology	Plasma dynamics in the magnetosphere of Saturn
7 May 2019	Kanaris Tsinganos National and Kapodistrian University of Athens	Astrophysical Jets
23 Apr 2019	Ioannis Kontogiannis Leibniz-Institut für Astrophysik Potsdam (AIP)	Observing the Sun with the GREGOR telescope
16 Apr 2019	Padelis Papadopoulos University of Thessaloniki	High up in transparent skies, and other Seas
9 Apr 2019	Nick Kylafis Emeritus Professor of Astrophysics, University of Crete	Mass accretion and jet ejection in black-hole X-ray binaries
2 Apr 2019	Stamatios M. Krimigis Johns Hopkins Applied Physics Laboratory & Academy of Athens, Athens, Greece	Voyagers 1&2 in the Near Interstellar Medium: Observations and Predictions
26 Mar 2019	Stelios Kazantzidis University of Athens, Dept. of Physics	Investigating modern problems of Theoretical Astrophysics via N-body simulations
19 Mar 2019	Constantine E. Alissandrakis University of Ioannina	mm- λ observations of the quiet Sun with the Atacama Large millimeter and sub-millimeter Array (ALMA)
12 Mar 2019	Evangelie (Lia) Athanassoula Aix Marseille Université, CNRS, LAM (Laboratoire d'Astrophysique de Marseille)	Formation, Evolution and Dynamics of Thick Discs
4 Mar 2019	Nectaria Gizani Hellenic Open University	The importance of Radio astronomy. The Hellenic radio telescope

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26 Feb 2019	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Forecasting solar flares with the use of extreme ultraviolet radiation
19 Feb 2019	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Semi-analytical approaches to Arnold diffusion
12 Feb 2019	Konstantina Zouloumi Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Invariant Manifolds and Chaos in Milky Way and N-body models of barred galaxies
5 Feb 2019	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Bohmian Trajectories of 3-qubit Entangled Systems
29 Jan 2019	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Thick spirals revisited
15 Jan 2019	Antonios Nathanail Institute for Theoretical Physics (ITP), Goethe University, Frankfurt, Germany	Neutron Star Collisions: Gravitational Waves and the Era of Multi-Messenger Astronomy
18 Dec 2018	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	High-energy radiation from a "ring of fire" in pulsars
11 Dec 2018	Kostas Florios Department of Mathematics, University of Athens & Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Possibility of Earthquake Forecasting Within a Narrow Time-Space Window
4 Dec 2018	Vasilis Tritakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	An Experimental/Empirical/Local Law of Estimating Oncoming Seismic Activity within a bounded time-space window based on ELF electromagnetic Perturbations
27 Nov 2018	Konstantinos Karamanos University of West Attica	Poincaré Recurrence Time Theorem as a unifying element towards the understanding of coding/noncoding prediction algorithms for DNA Strands
20 Nov 2018	Manolis Xilouris National Observatory of Athens / IAASARS	DustPedia - A Definitive Study of Dust in the Local Universe
13 Nov 2018	Kostas Tziotziou National Observatory of Athens / IAASARS	A long-duration quiet-Sun small-scale vortex
6 Nov 2018	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Importance of the radiative diffusion in the spectral line Si IV 1393Å, 1402Å for the study of the transition region

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30 Oct 2018	Preben Grosbøl European Southern Observatory (ESO)	Spiral potential of the Milky Way
23 Oct 2018	Jérôme Daquin Department of Mathematics "Tullio Levi-Civita", University of Padova	Some dynamical aspects of the medium earth orbits
16 Oct 2018	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The effect of entanglement on the Bohmian trajectories of a two-qubit system
10 Oct 2018	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Quantum decoherence and its role in quantum foundations
24 Jul 2018	Ioannis Gkolias Politecnico di Milano with Camilla Colombo (Politecnico di Milano, Italy) & Martin Lara (University of La Rioja, Spain)	Towards a sustainable exploitation of the geosynchronous orbital region
17 Jul 2018	George Livadiotis Southwest Research Institute, TX	Kappa Distributions: Theory and Applications in Plasmas
3 Jul 2018	Pierfrancesco Di Cintio IFAC-CNR Institute of Applied Physics, Firenze, Italia	N-body chaos and the continuum limit in numerical simulations, revisited
26 Jun 2018	Joan Font Instituto de Astrofísica de Canarias	Annular kinematic segmentation of galaxy disks
25 Jun 2018	Hongqi Zhang National Astronomical Observatories, Chinese Academy of Sciences	The role of the solar magnetic fields and helicity
19 Jun 2018	Konstantinos Gourgouliatos Durham University	Reconfinement and Loss of Stability of Active Galactic Nuclei Jets
12 Jun 2018	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Dynamical features of resonances for Earth satellite orbits
5 Jun 2018	Panagiotis E. Kyziropoulos Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH)	A study of computational methods for parallel simulation of the gravitational N-Body problem
29 May 2018	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Magnetically driven jets from astrophysical black holes (Part II)
22 May 2018	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Magnetically driven jets from astrophysical black holes

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15 May 2018	Charalambos Sinnis University of Athens, Physics Department, Section of Astronomy, Astrophysics and Mechanics	Stability analysis of relativistic magnetized astrophysical jets
7 May 2018	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Are there alternative bar building blocks to the families of the x1 tree?
24 Apr 2018	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Dynamics of Earth satellites and space debris
17 Apr 2018	Evangelia Samara Research Center for Astronomy and Applied Mathematics & Physics Department, University of Athens	CME magnetic fields and their effect on planetary magnetospheres - generalization to other stars and exoplanets
27 Mar 2018	Fotis Anagnostopoulos University of Athens	Έλεγχος κοσμολογικών μοντέλων με χρήση άμεσων μετρήσεων της διαστολής Hubble
21 Mar 2018	Nikos Prantzos Institut d'Astrophysique de Paris	A short history of Nuclear astrophysics Part I : The energy of the Sun
13 Mar 2018	Yannis Kominis National Technical University of Athens	Non-linearity and Asymmetry in non-Hermitian Photonics
6 Mar 2018	Ioannis A. Dagleis National & Kapodistrian University of Athens, Greece	Storms, substorms, particles and waves: at the heart of geospace weather
27 Feb 2018	Mirella Harsoula Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The manifold theory and its application in barred spiral galaxies
20 Feb 2018	Rocio Paez Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Space mission designs for stable Lagrangian points
13 Feb 2018	Ioannis Kontogiannis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Solar active region properties and CME characteristics
6 Feb 2018	Giannis Papagiannopoulos University of Athens	Dynamical Analysis in Cosmological models of alternative Gravity
31 Jan 2018	Georgios Loukes-Gerakopoulos Astronomical Institute of the CAS, Czech Republic	Celestial dynamics around a supermassive black hole
23 Jan 2018	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Manifold-driven spirals, disc-Halo interaction and the secular evolution in barred-spiral galaxies

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16 Jan 2018	Vasileios Drakopoulos University of Thessaly	Complex Dynamics of several iterative methods
9 Jan 2018	Stam Nicolis University of Tours, France	Deterministic chaos and information processing in quantum gravitational systems
19 Dec 2017	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	A Review of Chaos in BQM
12 Dec 2017	Konstantinos Karamanos TEI Athens	On the Poincare recurrence theorem in higher dimensions
5 Dec 2017	Dimitri Nanopoulos Academy of Athens	Starobinsky-like inflation, supercosmology and neutrino masses in no-scale flipped SU(5)
28 Nov 2017	Vassilios Constantoudis Institute of Nanoscience and Nanotechnology, NCSR Demokritos	Seeking the mathematical footprint of meaning in written texts: multifractal analysis and long-range correlations
21 Nov 2017	Andreas Efstathiou European University Cyprus	Models for the panchromatic emission of galaxies in the near and far Universe
14 Nov 2017	Evangelos Paouris Athens Space Weather Forecasting Center, University of Athens	Forecasting Space Weather conditions from Interplanetary Coronal Mass Ejections
7 Nov 2017	Georgios Anagnostopoulos Demokritos University of Thrace, Dep. Electrical & Computer Engineering	Space Observations and Earthquake Related Electromagnetic Phenomena
31 Oct 2017	Yannis Almirantis Institute of Biosciences and Applications, NCSR "Demokritos"	Origin of life: abiogenesis – prebiotic evolution – complexity
24 Oct 2017	Alceste Bonanos National Observatory of Athens	First results from the lunar monitoring project NELIOTA
17 Oct 2017	Maria Chira University of Thessaloniki	Environmental Dependence of the Abundance function of Light-Cone simulation Dark Matter Halos
10 Oct 2017	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Tidal Streams around Galaxies
3 Oct 2017	Rocio Paez Research Center for Astronomy and Applied Mathematics of the Academy of Athens	A fully predictive model for the adiabatic evolution of the actions in Arnold diffusion
26 Sep 2017	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Magnetic Winds around Astrophysical Black Holes

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19 Sep 2017	Astero Provata Institute of Nanoscience and Nanotechnology (INN) of NCSR "Demokritos"	Χιμαιρικές καταστάσεις σε δίκτυα ταλαντωτών με μη-τοπική σύζευξη
12 Sep 2017	Maria Petropoulou Purdue University, USA	Plasmoids in relativistic magnetic reconnection: the blobs of blazar emission models?
5 Sep 2017	Haris Skokos Department of Mathematics and Applied Mathematics, University of Cape Town	Heterogeneity and Chaos: Granular Chains and DNA models
27 Jun 2017	Konstantinos Karamanos TEI of Athens	Measuring the Uncomputable: Entropy Analysis of Automatic Sequences Revisited
20 Jun 2017	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Partial Integrability in 3d Bohmian Trajectories
13 Jun 2017	Alexei A. Pevtsov National Solar Observatory, USA and University of Oulu, Finland	Search for a Signature of Twist-Removal in Magnetic field of Sunspots in Relation with Major Flares
7 Jun 2017	Angelos Vourlidas Applied Physics Laboratory, Johns Hopkins University (JHUAPL)	Another STEREO Accomplishment: The First Multi-Viewpoint Coronal Mass Ejection Catalog
30 May 2017	Rudolf Dvorak University of Vienna	The Race to find the Second Earth
23 May 2017	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Diagnostic of the Chromosphere - corona transition region in Extreme Ultraviolet spectrum. Analysis of the mechanism of radiative scattering using spectral lines recorded with SUMER and IRIS spectrographs
16 May 2017	Konstantinos Karamanos TEI of Athens	Introduction to Symbolic Dynamics at the Feigenbaum point
9 May 2017	Emmanuel N. Saridakis National Technical University of Athens & CASPER, Physics Dept., Baylor University	Modified Gravity Theories and their Cosmological Consequences
2 May 2017	Panayiotis Stavrinos Dept. of Mathematics, University of Athens	Finsler Geometry, Lorentz Violation and Cosmology
25 Apr 2017	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Magnetic Field Magnitude of Coronal Mass Ejections in the Solar and Stellar Habitable Zones: A Habitability Constraint
4 Apr 2017	Anastasios Anastasiadis National Observatory of Athens, IAASARS	Foretelling Flares and Solar Energetic Particle Events: the FORSPEF tool

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28 Mar 2017	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Practical Applications of Magnetohydrodynamics
21 Mar 2017	Demosthenes Kazanas NASA/GSFC, Univ. of Maryland, Corresponding Member of the Academy of Athens	The Universal Magnetic Structure of Black Hole Accretion Disk Winds
14 Mar 2017	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Dynamics of tidal interactions
7 Mar 2017	Emmanuel Floratos University of Athens & Institute Of Nuclear And Particle Physics NCSR Demokritos	Eigenstate Thermalization Hypothesis and Fast Scrambling Bound on Black Hole Horizons: A Quantum Cat Map Toy Model
28 Feb 2017	Vassilis M. Rothos Aristotle University of Thessaloniki	Localized Structures in Nonlinear Magnetic metamaterial Lattices
21 Feb 2017	Konstantinos Gourgouliatos Department of Applied Mathematics, University of Leeds	Magnetic Field Evolution in Neutron Star Crusts
16 Feb 2017	Athena Coustenis LESIA - Observatoire de Paris, Paris Science Letters Research Univ., France	Space Exploration of Habitable Worlds in the Outer Solar System
7 Feb 2017	Zacharias Roupas Eötvös Loránd University	Gravitational Phase Transitions
31 Jan 2017	Rocio Paez Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Resonant dynamics in the Trojan problem
24 Jan 2017	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Emergent non-linearities from quantum mechanics
17 Jan 2017	Despina Hatzidimitriou University of Athens	The Hubble Catalog of Variables
11 Jan 2017	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Shocks, star formation and spiral arms in galaxies
13 Dec 2016	Manolis Xilouris National Observatory of Athens / IAASARS	Nearby galaxies as seen by the Herschel Space Observatory
6 Dec 2016	Thanassis Akylas National Observatory of Athens / IAASARS	Compton-thick AGN in the 70-month Swift-BAT All-Sky Hard X-ray Survey
29 Nov 2016	Kostas Florios Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Forecasting solar flares using magnetogram-based predictors and machine learning

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22 Nov 2016	Haris Skokos Department of Mathematics and Applied Mathematics, University of Cape Town	Numerical tools for investigating the dynamics of Hamiltonian systems
15 Nov 2016	Vasilis Tritakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Construction and Development of a Permanent Station for Schumann Resonance Observations, in the Greek Area. First Results and Future Plans.
8 Nov 2016	Evangelie (Lia) Athanassoula Laboratoire d'Astrophysique de Marseille (LAM)	Numerical simulations of the formation of disc galaxies in major mergers
1 Nov 2016	Athina Pouri Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Testing General Relativity on cosmological scales using Large Scale Structure and the Growth Rate Data
25 Oct 2016	Ioannis Kontogiannis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Non-neutralized currents and Ising energy predictive potential on solar flares
11 Oct 2016	Demetrios Papadopoulos Aristotle University of Thessaloniki	Rayleigh-Taylor Instabilities in Curved Space-Times
4 Oct 2016	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	3-d Bohmian Chaos
27 Sep 2016	Georgios Loukes-Gerakopoulos Charles University in Prague	Spinning test-body orbiting around Schwarzschild black hole: circular dynamics and gravitational-wave fluxes
22 Sep 2016	Eugene Vasiliev Oxford University	Self-consistent galaxy models with action-based distribution functions
19 Jul 2016	Constantinos Kalapotharakos University of Maryland, NASA GSFC	Macroscopic and Kinetic Pulsar Magnetosphere Models in the FERMI Era
7 Jul 2016	Victor Debattista University of Central Lancashire, UK	Understanding the trends in the Milky Way's bulge
5 Jul 2016	Piyali Chatterjee Indian Institute of Astrophysics, Bangalore	Severe Space weather: How the Sun produces Homologous and Cannibalistic Coronal Mass Ejections (CME)
28 Jun 2016	Sophia Lianou Laboratoire AIM, CEA/IRFU/Service d'Astrophysique, Univ. Paris Diderot	Dwarf Galaxy Evolution: Within and around
21 Jun 2016	Mirella Harsoula Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Analytical forms of chaotic spiral arms in barred-spiral galaxies
14 Jun 2016	Tassos Bountis University of Patras and Corresponding Member of the Academy of Athens	Invertible Maps, the Parametrization Method and Breathers in KG Lattices

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7 Jun 2016	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Realistic analytical modelling of the long-term orbital dynamics in the Geostationary Earth Orbit domain
31 May 2016	Georgios Loukes-Gerakopoulos ITP, Charles University in Prague, Czech Republic	How to detect deterministic chaos in gravitational waves
24 May 2016	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Dissipative pulsar magnetospheres
17 May 2016	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Scattering effects in the spectral lines of the ionized carbon C IV 1548,1550 Angstrom, emitted by the solar transition region
10 May 2016	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Comparing Stellar and Gaseous Flows in the Spiral Arms of Barred-Spiral Models
21 Apr 2016	Hélène Courtois University of Lyon, France	Presentation of the project: "Cosmic Flows"
12 Apr 2016	Spyros Basilakos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Geometrodynamics and Cosmology
5 Apr 2016	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Nature of Reality
29 Mar 2016	Ioannis Gkolias Department of Mathematics, University of Rome Tor Vergata	The theory of secondary resonances in the spin-orbit problem
22 Mar 2016	Kostas Kokkotas University of Tübingen	Gravitational Waves - Detection and Prospects
15 Mar 2016	Claudia Cicone ETH Zurich, Institute for Astronomy	Massive molecular outflows and AGN feedback
8 Mar 2016	Nektarios Vlahakis University of Athens, Faculty of Physics	Perturbing relativistic, magnetized jets: instabilities, and the interaction with the environment
1 Mar 2016	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The effect of companions on galactic discs - a study via the newly developed N-Body code MAIN
23 Feb 2016	Ioannis Kontogiannis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Solar Active Region Properties as Flare Predictors
16 Feb 2016	Kleomenis Tsiganis Aristotle University of Thessaloniki	Is there a 'ninth planet' in the solar system?

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9 Feb 2016	Joan Solà University of Barcelona	Running Vacuum in the Universe: hints of cosmological physics beyond the Λ CDM
2 Feb 2016	Vassilis Constantoudis Institute of Nanoscience and Nanotechnology, NCSR Demokritos	Μη-γραμμική δυναμική και μορφοκλασματική γεωμετρία στη νανοτεχνολογία
26 Jan 2016	Savvas Nesseris Instituto de Fisica Teorica, Madrid	The Dark Side of the Universe and Cosmological Observations
19 Jan 2016	Naoum Bacalis National Hellenic Research Foundation	The need, benefits, and demonstration of a minimization principle for excited quantum states
12 Jan 2016	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The History of Orbits (A Personal Diary)
22 Dec 2015	Georgios Loukes-Gerakopoulos ITP, Charles University in Prague, Czech Republic	The motion of a spinning particle in a curved spacetime
15 Dec 2015	Heikki Salo & Eija Laurikainen Astronomy and Space Physics Department, University of Oulu	Barlenses and their connection to boxy/peanut/X-shape bulges
8 Dec 2015	Athina Pouri Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Testing General Relativity on cosmological scales using Large Scale Structure and High Energy Extragalactic Sources
1 Dec 2015	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Quantum Paradoxes
24 Nov 2015	Kalliopi Dasyra University of Athens	Molecular gas outflows driven by the jets of AGN
10 Nov 2015	Charalampos Markakis University of Southampton	Hamiltonian Hydrodynamics & Binary Neutron Stars
3 Nov 2015	Sotiris Chatzopoulos MPE, Garching, Germany	The old nuclear star cluster in the Milky Way: dynamics, mass, statistical parallax, black hole mass and dust extinction
27 Oct 2015	Antonios Nathanail Institute for Theoretical Physics (ITP), Goethe University, Frankfurt, Germany	Looking at the black hole that powers Long Gamma Ray Bursts
20 Oct 2015	Konstantinos Karamanos TEI of Athens	Distributional Questions in Non-Linear Science: A computational and explanatory perspective
14 Oct 2015	Demosthenes Kazanas NASA/GSFC, Univ. of Maryland, Corresponding Member of the Academy of Athens	X-ray Absorbers in Active Galactic Nuclei (AGN) and Galactic Binary Sources

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6 Oct 2015	Panagiotis E. Kyziropoulos Democritus University of Thrace	A new Particle Mesh N-body code based on Approximate Inverse Matrix Techniques
29 Sep 2015	Constantinos Skordis University of Cyprus	Linking tests of gravity from cosmology to the Earth and beyond
22 Sep 2015	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The concept of Laplace plane and the 3D dynamics in the geostationary ring
15 Sep 2015	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Review of Magnetic Models of the Solar Corona
1 Sep 2015	Aleksander Sadowski Massachusetts Institute of Technology	Simulations of Radiative Black Hole Accretion in General Relativity
23 Jun 2015	Amalia Gkana and Loukas Zachilas Department of Economics, University of Thessaly	Chaotic dynamics and population outbreaks in ICD-10-A54 transmission and prey-predator interactions
16 Jun 2015	Haris Skokos Department of Mathematics and Applied Mathematics, University of Cape Town	Chaotic behavior of disordered nonlinear lattices
9 Jun 2015	Georgios Loukes-Gerakopoulos ITP, Charles University, Prague	Motion of spinning particles around black holes
4 Jun 2015	Roger Blandford Stanford University / KIPAC	The Music of the Sphere: overview of cosmology plus new approach to mapping the observable universe
2 Jun 2015	Denize Gabuzda Cork University, Ireland	The Tenacious Helical Magnetic Fields of AGN Jets
26 May 2015	Vasileios Paschalidis Princeton University	Black hole collisions as sources of gravitational and electromagnetic waves
19 May 2015	C. Tsironis [1], Anastasios Anastasiadis [1], C. Katsavrias [1],[2] and I. A. Dagleis [2] National Observatory of Athens, [2] University of Athens	Analysis of charged particle dynamics in the inner magnetosphere during the occurrence of geomagnetic disturbances
12 May 2015	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Athens Effective Solar Flare Forecasting (A-EFFort) Project: RCAAM's Contribution to ESA's Space Situational Awareness (SSA) Programme
5 May 2015	Martin Mestre Instituto de Astrofisica La Plata (CONICET-UNLP), Argentina	The effects of the triaxiality of dark matter halos on stellar streams
28 Apr 2015	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Spectroscopic study of active region NOAA 11429 before two major Coronal Mass ejections

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20 Apr 2015	Padelis Papadopoulos ESO visitor scientist, Ernest Rutherford Fellow (University of Cardiff), Assistant Professor, University of Thessaloniki	A major effect of Cosmic Rays on the ISM discovered: implications for tracing H ₂ gas in the Universe
1 Apr 2015	Serguei Komissarov Leeds University	The Physics of the Crab Nebula
24 Mar 2015	Athanasios C. Tzemos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Entropy In Quantum Mechanics
17 Mar 2015	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Space Debris and resonant dynamics in the geostationary ring
10 Mar 2015	Demetrios Papadopoulos Aristotle University of Thessaloniki	Frequency Spectrum of Radiation from Accelerated Charged Particles in a Magnetized Curved Space Time
3 Mar 2015	Ioanna Leonidaki National Observatory of Athens / IAASARS	Detection and Study of Extragalactic multi- wavelength Supernova Remnants
25 Feb 2015	Elias Koulouridis National Observatory of Athens / IAASARS	The environment of AGN - Exotic AGN
17 Feb 2015	Maria Petropoulou(1) & Stavros Dimitrakoudis(2) (1) Department of Physics and Astronomy, Purdue University, (2) National Observatory of Athens / IAASARS	Investigating the origin of high energy astrophysical neutrinos
10 Feb 2015	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Particle acceleration in nanoflares and the heating of the solar corona
3 Feb 2015	Kalliopi Dasyra University of Athens, Physics Department, Section of Astronomy, Astrophysics and Mechanics	AGN jets affecting galaxy evolution: evidence from observations
27 Jan 2015	Marina Vika National Observatory of Athens / IAASARS	MegaMorph: developing advanced galaxy decomposition software for multi-wavelength surveys
20 Jan 2015	Kosmas Gazeas Dept. of Physics, University of Athens	Contact Binaries and Stellar Mergers
13 Jan 2015	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Chaos and Chance
23 Dec 2014	Katerina Visnjic Princeton University	Probing the Early Universe with the Cosmic Microwave Background Polarization

Date	Speaker	Title
16 Dec 2014	Giuseppe Pucacco Università di Roma "Tor Vergata"	Degeneracies and singularities in resonant detuned normal forms
9 Dec 2014	Marianna Korsós SP2RC, University of Sheffield	Role of sunspot group dynamics in flare and CME occurrence: A reliable new forecast
2 Dec 2014	Steffen Lange Institut für Theoretische Physik & Center for Dynamics, Technische Universität Dresden & Max-Planck-Institut für Physik komplexer Systeme	Global structure of regular tori in a generic 4D symplectic map
25 Nov 2014	Christophe Sauty Observatoire de Paris	Numerical simulations versus analytical models: What can we learn about counter-rotation and dead zones in young star and AGN jets?
11 Nov 2014	Emmanouil (Manolis) Angelakis Max-Planck-Institut für Radioastronomie, Bonn	Physics of Relativistic Extragalactic Plasma Elements - through High Cadence Optical and Radio Polarisation Monitoring
6 Nov 2014	Luciano Rezzolla Goethe University, Institute for Theoretical Physics, Frankfurt	Merging of Neutron Star Binaries in Full General Relativity
21 Oct 2014	Vasilis Tritakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Global Change and mid/long-term sequences in the area of Greece
14 Oct 2014	Padelis Papadopoulos Cardiff University	A step in the dark: The initial conditions of star formation and how they can be reseeded
7 Oct 2014	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	It keeps going and going and going...
30 Sep 2014	Sung-Hong Park National Observatory of Athens	Study of a tornado-like solar prominence and its eruption
23 Sep 2014	Konstantinos Karamanos University of Athens	Chaos in Number Theory
16 Sep 2014	George Contopoulos Academy of Athens	Mathematics, Physics and Computers
22 Jul 2014	Constantinos Kalapotharakos University of Maryland, NASA GSFC	Pulsars: electromagnetic machines in extreme operating conditions.
1 Jul 2014	Dimitris Christodoulou University of Massachusetts Lowell	2nd Order Differential Equations of Mathematical Physics. From their Trivial Solutions, to the Cauchy Problem and beyond.
24 Jun 2014	Salvatore Capozziello Università di Napoli "Federico II" and INFN Sez. di Napoli	Dark Energy and Dark Matter as Curvature Effects

Date	Speaker	Title
17 Jun 2014	Athanasios C. Tzemos University of Patras	Noise Effects on Open Quantum Systems
10 Jun 2014	Antonios Manousakis N. Copernicus Astronomical Center - PAN	Accretion in Supergiant High Mass X-ray Binaries
2 Jun 2014	Preben Grosbøl European Southern Observatory	Observing density waves in spiral galaxies using birthplaces and NIR photometry
27 May 2014	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The phase space of 3D bars
20 May 2014	Panagiotis Papaspirou University of Athens	The Keplerian Paradigm: Its Place in Astronomy
13 May 2014	Stephen Williams National Observatory of Athens / IAASARS	The Massive Stellar Content of M83 as Revealed by Spitzer
6 May 2014	Emmanouil Rovilos National Observatory of Athens / IAASARS	The importance of infrared radiation in the study of Active Galactic Nuclei
29 Apr 2014	Joan Font Instituto de Astrofisica de Canarias	Interlocking Resonance Patterns in Galaxy Disks
15 Apr 2014	Guillaume Aulanier Paris Observatory	Electric currents and solar eruptions
14 Apr 2014	Stamatios M. Krimigis Office of Space Research & Technology, Academy of Athens & JHU/APL	Voyager's exit from the Heliosphere to the Galaxy
8 Apr 2014	Ioannis Haranas York University, Toronto	Perturbations of Low Orbiters in a Dusty Martian Atmosphere
1 Apr 2014	Spyros Basilakos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Recent developments in early Cosmology
18 Mar 2014	Konstantinos Dialynas Academy of Athens, Office of Space Research & Technology	The study of the global Heliosheath using Energetic Neutral Atom measurements obtained by the Cassini/INCA imager
11 Mar 2014	Grégoire Nicolis Université Libre de Bruxelles	Fundamental Problems in Complexity Research
4 Mar 2014	Vassilis Charmandaris Director IAASARS/National Observatory of Athens & Dept. of Physics, Univ. of Crete	The Physical Properties of Luminous Infrared Galaxies: Unveiling the Dust
25 Feb 2014	Ioannis Georgantopoulos National Observatory of Athens	Highly Obscure Supermassive Black holes and the new ESA's mission Athena

Date	Speaker	Title
18 Feb 2014	Leela Koutsantoniou Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Poynting – Robertson Effect in General Relativity and its Applications to Accretion Disk and the Cosmic Battery Model
11 Feb 2014	Kostas Moraitis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Validation of a magnetic energy and helicity calculation method in solar active regions
4 Feb 2014	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Gamma-ray bursts as potential standard candles in Cosmology
28 Jan 2014	Leandros Perivolaropoulos Department of Physics, University of Ioannina	Is there a Fundamental Cosmic Dipole?
21 Jan 2014	Tassos Bountis CRANS / University of Patras	Complex Problems in Hamiltonian Dynamics
14 Jan 2014	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Resonant Dynamics for Trojan Exoplanets
7 Jan 2014	Nick E. Mavromatos Kings College, London	Dynamical Breaking of Supergravity via gravitino condensation and inflation
17 Dec 2013	George Contopoulos Research Center for Astronomy of the Academy of Athens	The latest book by Roger Penrose
10 Dec 2013	Panos A. Patsis Research Center for Astronomy of the Academy of Athens	"Sticky peanuts" - The building of boxy and X-shaped profiles in the edge-on views of disk galaxies
3 Dec 2013	Nikolaos Nikoloudakis National Observatory of Athens / IAASARS	Clustering analysis of high-redshift Luminous Red Galaxies in SDSS Stripe 82
29 Nov 2013	Joan Solà University of Barcelona	Higgs boson and vacuum energy in quantum field theory and cosmology
19 Nov 2013	Konstantinos Karamanos Department of Physics, University of Athens	Are Fractals Optimal Geometries for Diffusion?
12 Nov 2013	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Self-Organized Criticality on Top of a Turbulent Substrate: the Possible Case of (Eruptive) Solar Active Regions
5 Nov 2013	Michaila Dimitropoulou NSN Athens, Greece	Self-Organized Criticality: From the Sandpile to the Sun
29 Oct 2013	Danae Polychroni University of Athens	Two Mass Distributions in the L 1641 Molecular Clouds: The Herschel Connection of Dense Cores and Filaments in Orion A
22 Oct 2013	David Eden Liverpool John Moores University	The Role of Spiral Arms on the Star Formation Process

Date	Speaker	Title
15 Oct 2013	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Trojan captures and escapes
8 Oct 2013	Daniela Pugliese Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Effective potential approach in thick toroidal disks
1 Oct 2013	Maria Petropoulou University of Athens	Spontaneous gamma-ray absorption and astrophysical applications
24 Sep 2013	Zacharias Roupas University of Athens	Gravothermal instabilities of fluid spheres in the presence of a cosmological constant
16 Sep 2013	Gang Zhao National Astronomical Observatories, Chinese Academy of Sciences	Introduction of LAMOST and its survey
3 Sep 2013	Christian Boily Astronomical Observatory, University of Strasbourg	Orbital diffusion and anisotropies in dense stellar systems with black holes
3 Jul 2013	Shohreh Abdolrahimi Oldenburg University	Distorted Five-dimensional Electrically Charged Black Holes.
25 Jun 2013	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics Academy of Athens	Applications of Invariant Manifolds in Dynamical Astronomy.
18 Jun 2013	Angel Jorba Departament de Matematica Aplicada i Anàlisi Universitat de Barcelona	Invariant manifolds and Solar sails.
11 Jun 2013	Sofia Carvalho Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Euclid space mission.
4 Jun 2013	Mirella Harsoula Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The diffusion of chaotic orbits in 3D barred spiral galaxies.
28 May 2013	Panagiotis Koumantos University of Athens, Dept. of Mathematics	Dynamical Systems and Thermodynamics-Magneto- hydrodynamics.
21 May 2013	Panos A. Patsis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Backbones of stellar barred-spiral morphologies.
14 May 2013	Spyros Basilakos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Geometrodynamics in Cosmology.
8 May 2013	Donald Lynden-Bell University of Cambridge	Thought experiments on the Gravity of Stresses and Currents.

Date	Speaker	Title
30 Apr 2013	Elias C. Vagenas Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Black Hole Thermodynamics: An update
23 Apr 2013	Ioannis Kontogiannis University of Athens, Physics Department, Section of Astronomy, Astrophysics and Mechanics	Magnetic shadows and power halos as a result of magnetohydrodynamic mode conversion in the solar chromosphere: The role of mottles and the magnetic field.
16 Apr 2013	Anastasios Anastasiadis Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing National Observatory of Athens	Magnetic Reconnection and the particle acceleration process in Solar flares
9 Apr 2013	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The power-law dependence of the Lyapunov characteristic exponent of the chaotic orbits on the central mass in galaxies
2 Apr 2013	Giorgos Anastasiou Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Massive Gravity in (2+1)-dimensions and Lifshitz spacetimes
26 Mar 2013	Alexandros Kehagias National Technical University of Athens	Non-Gaussianity in the sky
19 Mar 2013	Kostas Tziotziou Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Interpreting Eruptive Behavior in NOAA AR 11158 via the Region's Magnetic Energy and Relative Helicity Budgets
13 Mar 2013	Constantinos Kalapotharakos University of Maryland, NASA GSFC	Numerical investigation of pulsar magnetospheres
5 Mar 2013	Demosthenes Kazanas NASA/Goddard Space Flight Center, Corresponding Member of the Academy of Athens	GRB: Crisis, Some New Correlations, Back to an Old Motif and Some Light Eventually (perhaps?)!
26 Feb 2013	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Foundations of Mathematics
19 Feb 2013	Loucas G. Christophorou Academy of Athens	Greek Energy Resources
12 Feb 2013	Amalia Corral IAASARS, National Observatory of Athens	AGN Iron lines from X-ray surveys
5 Feb 2013	Emmanuel N. Saridakis National Technical University of Athens & CASPER, Physics Dept., Baylor University	f(T) Gravity and Cosmology
29 Jan 2013	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Towards a practical computation of the diffusion coefficient along resonances: bridging Chirikov with Nekhoroshev theory.

Date	Speaker	Title
22 Jan 2013	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	'Hairy' Black Holes and Astrophysical Jets.
15 Jan 2013	Piero Ranalli National Observatory of Athens, Greece & University of Bologna, Italy	X-ray Gaseous Emission in Star Forming Galaxies.
18 Dec 2012	George Voyatzis Aristotle University of Thessaloniki	Destabilization of planetary systems due to stellar mass loss. Escape of planets.
11 Dec 2012	Danae Polychroni University of Athens, Faculty of Physics	Triggered star formation in the W3 GMC: Does the IMF notice?
4 Dec 2012	Nikos Pappas University of Ioannina	Angular profile of Particle Emission from a Higher- dimensional Black Hole
27 Nov 2012	Salvatore Capozziello Universita di Napoli "Federico II" and INFN Sez. di Napoli	Hamiltonian Dynamics and Symmetries in Extended Gravity Cosmology
20 Nov 2012	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Pre-Eruption Evolution in Solar Active Regions: a Coherent Causal Sequence
13 Nov 2012	Spyros Basilakos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Testing Einstein's gravity on cosmological scales
6 Nov 2012	Ioannis Georgantopoulos National Observatory of Athens	Compton-thick Active Galactic Nuclei
30 Oct 2012	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Loop geometry and flows from Hinode/EIS observations
16 Oct 2012	Jason Spyromilio European Southern Observatory	The European Extremely Large telescope
9 Oct 2012	Maxim Lyutikov Purdue University & INAF Osservatorio Astrofisico di Arcetri	The Double Pulsar as a Probe of Fundamental Physics
25 Sep 2012	Dmitry Sokoloff Moscow State University	Solar Dynamo in Light of Helicity Data
18 Sep 2012	Angelos Vourlidis Naval Research Laboratory	How Many CMEs Have Magnetic Flux Ropes and How to Find Out: A Synthesis of 16 Years of Coronagraph Observations
17 Jul 2012	Sofia Carvalho Research Center for Astronomy and Applied Mathematics of the Academy of Athens	CMB lensing research and results

Date	Speaker	Title
10 Jul 2012	Luciano Darriba Universidad Nacional de La Plata	A comparison of chaos indicators
2 Jul 2012	Robertus Erdelyi University of Sheffield	Attempt to solve by solar magneto-seismology one of astrophysics great problem: The coronal heating enigma
26 Jun 2012	Joan Solà University of Barcelona	"Constants" of Nature, matter non-conservation and dynamical dark energy
19 Jun 2012	Kyriaki Dionysopoulou Max Planck Institute for Gravitational Physics	General Relativistic Resistive Magnetohydrodynamics with Whisky
14 Jun 2012	Puragra Guhathakurta Univ. of California/Lick Observatory	Our Neighbor M31: A Close-up View of Galaxy Formation
5 Jun 2012	Constantine Thanassoulas Geophysicist	Είναι δυνατή η βραχυπρόθεσμη πρόγνωση σεισμών; Μια θεώρηση του προβλήματος υπό το πρίσμα της κλασικής φυσικής
29 May 2012	Nikolaos Stergioulas Department of Physics, Aristotle University of Thessaloniki	Self-gravitating tori around black holes and their instabilities
22 May 2012	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Escapes of Stars in Galaxies
15 May 2012	Kostas Tziotziou Research Center for Astronomy and Applied Mathematics of the Academy of Athens	A new way of inferring magnetic energy and helicity in solar active regions
8 May 2012	Matthaios Katsanikas Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Η δομή του φασικού χώρου σε γαλαξιακά δυναμικά τριών βαθμών ελευθερίας.
24 Apr 2012	Panayiotis Stavrinou Dept. of Mathematics, University of Athens	Η Τοπικά Ανισοτροπική Δομή της Γεωμετρίας Finsler στη Σχετικότητα και την Κοσμολογία.
10 Apr 2012	Manolis Plionis National Observatory of Athens	The Hubble constant and the dark energy equation of state using star-forming galaxies
2 Apr 2012	Nikos Prantzos C.N.R.S. - Institut d'Astrophysique de Paris	The chemical evolution of the Milky Way
27 Mar 2012	Anastasios Anastasiadis National Observatory of Athens and the HNSWRN team.	Introducing the Hellenic National Space Weather Research Network (HNSWRN)
20 Mar 2012	Xenophon Moussas University of Athens, Physics Dept.	Recent results from the study of the Antikythera Mechanism: the signature of Archimedes on the eclipses and operation of the instrument, Kepler before Kepler?

Date	Speaker	Title
13 Mar 2012	Jacobus van der Weele University of Patras, Mathematics Dept.	Spontaneous Cluster Formation in Multi-Particle Flows.
6 Mar 2012	Theodoros Smponias University of Ioannina	Modelling multi-wavelength and particle emission from accreting binary systems.
28 Feb 2012	Zsolt Sandor University of Innsbruck, Institute of Astro- and Particle Physics	Large Vortices: the Birthplaces of Planets?
21 Feb 2012	Kleomenis Tsiganis Aristotle University of Thessaloniki	A formation scenario for the Uranian satellites: making the orbits of the satellites compatible with the planet's axial tilt.
14 Feb 2012	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Formation and destruction of jets in X-ray binaries.
7 Feb 2012	Demosthenes Kazanas NASA/Goddard Space Flight Center, USA, Corresponding Member of the Academy of Athens	Some Thoughts on Mach's Principle and a Characteristic Acceleration in the Universe.
31 Jan 2012	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Low-dimensional tori in Fermi-Pasta-Ulam chains
24 Jan 2012	Yannis Kominis National Technical University of Athens	Revision and extension of the Quasilinear Diffusion Theory: General kinetic formulation of wave-particle interactions
17 Jan 2012	Nikos Delis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The effect of a central black hole in the degree of chaos and in the secular evolution of galaxies
10 Jan 2012	Manolis Xilouris National Observatory of Athens	Nearby galaxies as seen by the Herschel Space Observatory
20 Dec 2011	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Particles acceleration, nanoflares and coronal heating
13 Dec 2011	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Solar Energetic Particle (SEP) Events: Their Origin and Environment, from Sun to the Interplanetary Space
6 Dec 2011	Andronikos Paliathanasis Department of Physics, Section of Astrophysics Astronomy and Mechanics, University of Athens	The Riemannian Kepler Ermakov system
29 Nov 2011	Spyros Basilakos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Physical Properties of the Cosmic Acceleration: a new scalar field or a modified theory of gravity?

Date	Speaker	Title
22 Nov 2011	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Προσεγγίζοντας την πραγματική μαγνητόσφαιρα των pulsars
15 Nov 2011	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The limits of Determinism
8 Nov 2011	Apostolos Mastichiadis University of Athens	The hadronic model of Active Galactic Nuclei
1 Nov 2011	Thanassis Katsiyannis National Observatory of Athens, Institute of Astronomy and Astrophysics	Greek Participation to the Extreme UV Imager (EUI) development
25 Oct 2011	Georgios Loukes-Gerakopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Searching for non-Kerr compact objects
18 Oct 2011	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Normal forms and the representation of Arnold diffusion
27 Sep 2011	Gordon Petrie National Solar Observatory	Measurements and Models of Solar Active Magnetic Fields
9 Sep 2011	Joe Silk Department of Astrophysics, University of Oxford	Do we understand how galaxies formed?
21 Jun 2011	Markos Trichas Harvard University	The nature of far-infrared emission from Active Galactic Nuclei
14 Jun 2011	Thanos Manos Center for Research on Applied Nonlinear Systems (CRANS), University of Patras & School of applied sciences, University of Nova Gorica, Slovenia	Chaos and order in systems with long-range interactions: Applications to a Hamiltonian Mean Field model and a barred galaxy system
7 Jun 2011	George Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Artificial Intelligence and Consciousness
31 May 2011	Antony Valentini Clemson University, Dept. of Physics and Astronomy	Beyond the Quantum
24 May 2011	Michael N. Vrahatis Computational Intelligence Laboratory, Department of Mathematics, University of Patras Artificial Intelligence Research Center	Studying the Basin of Convergence of Methods for Computing Periodic Orbits

Date	Speaker	Title
17 May 2011	Tassos Bountis Department of Mathematics and Center for Research and Applications of Nonlinear Systems (CRANS), University of Patras	Complex Statistics of Multidimensional Hamiltonian Systems with Applications to Galactic Dynamics
10 May 2011	Antonis Georgakakis National Observatory of Athens	What drives the evolution of Active Galactic Nuclei?
3 May 2011	Georgia Tsiropoula National Observatory of Athens	Ο ρόλος των ηλιακών ψηφίδων στο σχηματισμό άλω ισχύος, μαγνητικής σκιάς και μαγνητικού θόλου με χρήση παρατηρήσεων του μαγνητικού πεδίου και της γραμμής Ηα.
19 Apr 2011	Tassos Fragos Harvard Smithsonian Center for Astrophysics	Understanding the Formation and Evolution of Black Hole X-ray Binaries.
12 Apr 2011	Nektarios Vlahakis University of Athens	Rarefaction acceleration in magnetized gamma-ray burst jets.
5 Apr 2011	Christos Tsagas University of Thessaloniki	Large-scale magnetic fields in cosmology.
29 Mar 2011	Nikolaos Tetradis University of Athens	Cosmological matter perturbations and the model of the Universe.
22 Mar 2011	Kostas Kokkotas University of Thessaloniki / University of Tuebingen	High Frequency Sources of Gravitational Waves: Recent Progress.
15 Mar 2011	Kostas Tziotziou Research Center for Astronomy and Applied Mathematics of the Academy of Athens	The Dynamic Solar Chromosphere: Recent Advances from High Resolution Telescopes
8 Mar 2011	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Automated Data Analysis for the Solar Dynamics Observatory Mission: RCAAM's participation.
01 Mar 2011	Elias C. Katsoufis National Technical University of Athens	First year of operation of the accelerator L.H.C. and of the related experiments at C.E.R.N.
22 Feb 2011	Panaiotis K. Pavlakos University of Athens	Ergodic Theorems and Applications to Classical and Quantum Mechanics
15 Feb 2011	Konstantinos Anagnostopoulos National Technical University of Athens	Superstring Theory: A journey to a multidimensional universe with unified interactions
8 Feb 2011	Nick E. Mavromatos King's College London/CERN	Quantum Gravity and the Dark Sector of the Universe
1 Feb 2011	Nick Kylafis University of Crete	Are Magnetars really Magnetars?
25 Jan 2011	Despina Hatzidimitriou University of Athens	Study of X-ray populations in local group galaxies with XMM-Newton.

Date	Speaker	Title
18 Jan 2011	Costis Gontikakis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Study of the radiation scattering in the spectral lines at 1548Å and 1550Å, emitted by the carbon four (C IV) ion, from a solar micro flare.
11 Jan 2011	Padelis Papadopoulos Argelander-Institut fuer Astronomie, University of Bonn, Germany	Cosmic Rays and Interstellar Matter: New initial conditions for star formation in galaxies.
21 Dec 2010	Nikos Delis Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Quantum Perturbation Theory via Lie Series
14 Dec 2010	Sofia Carvalho Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Gravitational lensing of the cosmic microwave background
7 Dec 2010	Panos A. Patsis & Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Dark Matter in Galaxies (A special seminar for Dark Matter Awareness Week DMAW2010)
30 Nov 2010	Elias C. Vagenas Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Information Loss Paradox: Is there a possible resolution?
23 Nov 2010	Adamantia Zampeli Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Hawking radiation via the Anomaly Cancellation Method.
16 Nov 2010	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Non-linear force-free reconstruction of the global solar magnetic field.
9 Nov 2010	Houshang Ardavan University of Cambridge	Superluminal Emission Processes in Laboratory and in Nature.
2 Nov 2010	Michael Tsamparlis University of Athens	Potentials admitting Lie and Noether symmetries.
26 Oct 2010	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Wavepacket approach to electron diffraction through material targets. The Bohmian description and the problem of arrival times.
19 Oct 2010	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Density matrix approach and characterization of the quantum 'times of flight' in charged particle diffraction.
8 Oct 2010	Serge Koutchmy Directeur de Recherche Emeritus, CNRS & UPMC, France	Observations of the Solar Total Eclipse of July 11, 2010 to measure the solar diameter
20 Jul 2010	Yu-Qing Lou Tsinghua University, Physics Department and Tsinghua Center for Astrophysics, THCA Beijing, 100084 China	Galactic Magnetohydrodynamic Density Waves and Supermassive Black Holes in Galactic Bulges.

Date	Speaker	Title
06 Jul 2010	Panagiotis Tsoutsis Research Center for Astronomy and Applied Mathematics, Academy of Athens	Τροχιακή και Δυναμική Μελέτη Γαλαξιακών Δυναμικών Συστημάτων.
29 Jun 2010	Astrid Veronig University of Graz, Austria	On the dynamics and energetics of solar coronal mass ejections and flares.
22 Jun 2010	Elias C. Vagenas Research Center for Astronomy and Applied Mathematics of the Academy of Athens	Quantum Gravity Corrections and Entropy at the Planck time.
15 Jun 2010	Georgios Loukes-Gerakopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Χάος στην Κλασική Μηχανική και τη Γενική Θεωρία της Σχετικότητας.
11 Jun 2010	Angelos Vourlidis Naval Research Laboratory, DC, USA	The sub-arcsecond Upper Chromosphere Through Ly α Eyes.
08 Jun 2010	Ioannis Stavropoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Στατιστική κατανομή τροχιών σε αυτοσυνεπή βαρυτικά συστήματα.
01 Jun 2010	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Διάχυση Arnold και θεωρία Nekhoroshev σε περιοχές διπλού συντονισμού.
26 May 2010	Andreas Burkert University of Munich	The Dynamics of High-Redshift galaxies.
11 May 2010	Konstantinos Dialynas University of Athens	Η μαγνητόσφαιρα του Κρόνου όπως αποκαλύπτεται από τις μετρήσεις του πειράματος Cassini/MIMI: Ανάλυση φασμάτων ενεργητικών ιόντων και απεικόνιση ENA σε πλανητική κλίμακα.
04 May 2010	Anastasios Anastasiadis National Observatory of Athens, Institute for Space Applications & Remote Sensing	Particle Acceleration Processes in Solar Flares.
27 Apr 2010	Michael Tsamparlis University of Athens	Οι συμμετρίες Lie και Noether των δυναμικών συστημάτων και οι γεωμετρικές συμμετρίες του χώρου εξέλιξης.
20 Apr 2010	Olga Malandraki National Observatory of Athens	Ανάλυση και ερμηνεία μετρήσεων πλάσματος, σωματιδίων και μαγνητικού πεδίου από διαστημόπλοια των ESA και NASA.
13 Apr 2010	Nikolaos Bakas University of Athens	Αλληλεπίδραση κυμάτων άνωσης-κυμάτων στροβιλότητας και ανάμειξη.
23 Mar 2010	Tilemahos Kalvouridis National Technical University of Athens	Ένα απλο γεωμετρικο μοντελο πολλων σωματων: το δακτυλιοειδες προβλημα των N+1 σωματων.

Date	Speaker	Title
16 Mar 2010	Alceste Bonanos National Observatory of Athens, Institute of Astronomy and Astrophysics	A Survey of the Most Massive Stars in the Local Universe.
09 Mar 2010	Massimiliano Guzzo Department of Pure and Applied Mathematics, University of Padova	Quasi-periodic motions, resonances and diffusion in Hamiltonian Systems.
02 Mar 2010	Manolis K. Georgoulis Research Center for Astronomy and Applied Mathematics, Academy of Athens	Ηλιακές εκρήξεις: η φυσική της χαμένης ισορροπίας.
23 Feb 2010	George Kastis Research Center for Mathematics, Academy of Athens	Μέθοδοι Ανακατασκευής Ιατρικής Εικόνας.
16 Feb 2010	Eleni Christodoulidi Center for Research and Applications of Nonlinear Systems, University of Patras	Δυναμική Χαμηλοδιάστατων Τόρων και Χάος σε Χαμιλτώνια Συστήματα Πολλών Βαθμών Ελευθερίας.
09 Feb 2010	John S. Nicolis University of Patras	Πολυπλοκότης και Δυναμική Λήψεως Αποφάσεων υπό Συνθήκες Αβεβαιότητας και Ανταγωνισμού (Θεωρία Παραδόξων Παιγνίων).
01 Feb 2010	Andreas Zezas University of Crete	X-ray source populations and stellar populations in nearby galaxies.
26 Jan 2010	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	MHD Accretion-Disk Winds as X-ray Absorbers in Active Galactic Nuclei.
19 Jan 2010	Spyros Basilakos Research Center for Astronomy and Applied Mathematics, Academy of Athens	The Physical Properties of the Cosmic Acceleration.
12 Jan 2010	Thomas P. Sotiriou Department of Applied Mathematics and Theoretical Physics, University of Cambridge	Might black holes reveal their inner secrets?
07 Jan 2010	Padelis Papadopoulos Argelander-Institut für Astronomie	The demise of the Schmidt-Kennicutt relation for the Early Universe.
15 Dec 2009	Costis Gontikakis Research Center for Astronomy and Applied Mathematics, Academy of Athens	Φασματική ανάλυση μίας μικροέκλαμψης.
08 Dec 2009	Lidia van Driel-Gesztelyi University College London, Mullard Space Science Laboratory, U.K	Why are CMEs large-scale coronal events: nature or nurture?
30 Nov 2009	Victor Debattista Jeremiah Horrocks Institute, University of Central Lancashire	Simulating the evolution of disk galaxies.

Date	Speaker	Title
24 Nov 2009	Michael N. Vrahatis University of Patras	From the Poincaré-Miranda theorem to characteristic bisection method and computation of periodic orbits.
17 Nov 2009	Spyros Kitsionas Astrophysikalisches Institut Potsdam	SPH simulations of gravoturbulent fragmentation and cloud-cloud collisions.
10 Nov 2009	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Περίθλαση Ηλεκτρονίων και Μέτρηση Χρόνων Αφίξης στη Κβαντική Μηχανική Bohm.
05 Nov 2009	Manolis Xilouris National Observatory of Athens	Aristarchos Telescope.
27 Oct 2009	Preben Grosbøl ESO	Spiral Structure in Disk Galaxies as seen in the Near-Infrared.
20 Oct 2009	Panos A. Patsis Research Center for Astronomy and Applied Mathematics, Academy of Athens	Dynamical mechanisms behind barred-spiral structure in disk galaxies.
13 Oct 2009	Françoise Combes Paris Observatory, France	Galaxy dynamics: secular evolution and hierarchical scenario.
17 Sep 2009	Dalia Chakrabarty School of Physics & Astronomy, University of Nottingham	Inverse Modelling of Gravitational Potential of Galaxies using CHASSIS.
22 Jun 2009	Elias C. Vagenas Research Center for Astronomy and Applied Mathematics, Academy of Athens	Quantum Gravity Corrections and Entropy at the Planck time.
16 Jun 2009	Kambiz Fathi Stockholm Observatory, AlbaNova University Centre	The Tremaine-Weinberg Method for Pattern Speeds Using H α Emission from Ionized Gas.
09 Jun 2009	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Η τρισδιάστατη δομή της μαγνητόσφαιρας των pulsars..
02 Jun 2009	Yannis Kominis National Technical University of Athens	Πλεγματικά Σολιτόνια σε Πολύπλοκες Φωτονικές Δομές..
26 May 2009	Ioannis Contopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Μαγνητικά πεδία σε ενεργούς γαλαξιακούς πυρήνες.
12 May 2009	Nick Sergis Office for Space Research and Technology, Academy of Athens	Το διαστημόπλοιο Cassini στον Κρόνο: Οι πιο πρόσφατες ανακαλύψεις.
05 May 2009	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Μια Σύνοψη του Καθιερωμένου Προτύπου.

Date	Speaker	Title
28 Apr 2009	Sofia Carvalho University of KwaZulu-Natal, Durban, South Africa	How to fake: A General Class of Models for characterizing the Non-Gaussian CMB Foreground Contaminants.
07 Apr 2009	Petros Wallden Raman Research Institute, India	Towards a Quantum Theory of closed systems: The co-event interpretation.
31 Mar 2009	Thanassis Katsiyannis National Observatory of Athens	Η κάμερα του μακρινού υπεριώδους (EUV) στον δορυφόρο Proba2.
24 Mar 2009	Stefan Gottlöber Astrophysical Institute Potsdam	Constrained simulations of the local universe.
17 Mar 2009	Alexander Nindos University of Ioannina	Ραδιοφωνική Εκπομπή από Ηλιακές Εκλάμψεις και Στεμματικές Εκτοξεύσεις Μάζας.
10 Mar 2009	George Dasios University of Patras	Semiseparation of variables and stokes flow. A generalized spectral theory of operators.
03 Mar 2009	Athanassios N. Yannacopoulos Athens University of Economics and Business	Στοχαστικά συστήματα με σαγματικά σημεία, οπισθοδρομικές στοχαστικές διαφορικές εξισώσεις και εφαρμογές.
24 Feb 2009	Tassos Bountis University of Patras	Order and Chaos in Multidimensional Hamiltonian Systems.
17 Feb 2009	Costis Gontikakis Research Center for Astronomy and Applied Mathematics, Academy of Athens	Μελέτη της δυναμικής των βρόχων του στέμματος.
10 Feb 2009	Dimitrios Frantzeskakis University of Athens	Dark solitons in Bose-Einstein condensates.
03 Feb 2009	Mirella Harsoula Research Center for Astronomy and Applied Mathematics, Academy of Athens	Study of the orbital structure of barred-spiral galaxies.
27 Jan 2009	Kosmas Gazeas Harvard-Smithsonian Center for Astrophysics	Star formation and stellar populations in the spiral galaxy M81.
20 Jan 2009	Spyros Basilakos Research Center for Astronomy and Applied Mathematics, Academy of Athens	An Introduction to Physical Cosmology.
13 Jan 2009	Manolis Plionis National Observatory of Athens	Alternative Estimates of the Dark Energy Equation of State.
16 Dec 2008	Jean-Claude Vial University of Paris	Some new UV imaging and spectroscopic results on filaments/prominences.
09 Dec 2008	Kleomenis Tsiganis Aristotle University of Thessaloniki	Recent Advances and New Challenges in Solar System Dynamics.
02 Dec 2008	Vasileios Archontis University of St Andrews	From MHD dynamos to dynamical solar events: achievements and perspectives.

Date	Speaker	Title
25 Nov 2008	Christos Tsironis National Technical University of Athens / Aristotle University of Thessaloniki	Nonlinear phenomena in electron-cyclotron heating and current drive in fusion plasmas.
18 Nov 2008	Christos Efthymiopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Low-dimensional tori and energy localization in Fermi-Pasta-Ulam Lattices.
11 Nov 2008	Andrea Mignone University of Torino	Shock-Capturing Schemes in Computational Fluid Dynamics and the PLUTO Code.
06 Nov 2008	Manolis K. Georgoulis JHU/APL	Πρόγνωση του διαστημικού καιρού: πρόοδος και προκλήσεις.
04 Nov 2008	Aristeidis Nezis Kiepenheuer-Institut für Sonnenphysik, Freiburg, Germany	Velocity Pattern Evolution in the Solar Photosphere.
21 Oct 2008	Leandros Perivolaropoulos University of Ioannina	A Comparison of Dark Energy Probes.
14 Oct 2008	Dimitrios Vlahos University of Peloponese	Ερευνητικές δραστηριότητες του εργαστηρίου επιστήμης του πανεπιστημίου Πελοποννήσου.
07 Oct 2008	Antonio Giorgilli Department of Mathematics, University of Milan, Italy	Epicyles, secular inequalities and chaotic evolution in Celestial mechanics: a historical perspective.
30 Sep 2008	Anastasios Anastasiadis National Observatory of Athens	The Cross-Scale space mission
25 Sep 2008	Angelos Vourlidis Naval Research Laboratory	Seeing the Sun and Heliosphere with New Eyes: Recent Results from the SECCHI Telescopes Aboard the STEREO Mission.
23 Sep 2008	Gary Zank Institute of Geophysics and Interplanetary Physics University of California, Riverside	The Interaction of the Solar Wind with the Interstellar Medium
17 Jun 2008	Nikos Kalogeropoulos BMCC - The City University of New York	Η εντροπική παράμετρος στη θερμοστατιστική του Τσάλλη και η N-Ricci καμπυλότητα
10 Jun 2008	John H. Seiradakis Aristotle University of Thessaloniki	Μελέτη μεμονωμένων παλμών από αστέρες νετρονίων
09 Jun 2008	Demosthenes Kazanas NASA Goddard Space Flight Center	Cosmological Inflation and the Multiverse: Views of a Sceptic
03 Jun 2008	Georgios Loukes-Gerakopoulos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Δυναμική και χάος στην κοσμολογία Ενοποιημένου Βαθμωτού Πεδίου
27 May 2008	Nick Sergis Office for Space Research and Technology, Academy of Athens	Η μαγνητόσφαιρα του Κρόνου μέσα από τις μετρήσεις ενεργητικών ιόντων και ουδετέρων ατόμων. Πείραμα MIMI στο διαστημόπλοιο Cassini

Date	Speaker	Title
22 May 2008	Konstantinos Efstathiou Department of Mathematics, University of Groningen	Unstable attractors and heteroclinic cycles in pulse coupled networks with delay
20 May 2008	Nick Kylafis University of Crete	Οι μελανές οπές ως πηγές ακτίνων Χ
19 May 2008	Elias Koulouridis National Observatory of Athens	Η εξελικτική ακολουθία των ενεργών γαλαξιακών πυρήνων ως αποτέλεσμα των εγγύς γαλαξιακών αλληλεπιδράσεων.
13 May 2008	Serge Koutchmy Institut d'Astrophysique de Paris- CNRS and Univ. P. & M. Curie, France	Chromospheric Prolateness: Solar Cycle Variations and Fast Wind
06 May 2008	Florin Diacu Department of Mathematics and Statistics, University of Victoria, Canada	Saari's Conjecture of Celestial Mechanics
05 May 2008	Iannis S. Dandouras Centre d'Etude Spatiale des Rayonnements CNRS / Université de Toulouse, France	Πλανητικές μαγνητόσφαιρες και η μελέτη τους με την τεχνική των ενεργητικών ουδετέρων ατόμων
15 Apr 2008	Spyros Basilakos Research Center for Astronomy and Applied Mathematics, Academy of Athens	Μια μαθηματική περιγραφή της φύσης της σκοτεινής ενέργειας και το τέλος της Κοσμολογίας
08 Apr 2008	Mairi Sakellariadou King's College, Univ. of London & University of Athens	Κοσμικές (Υπερ)χορδές
01 Apr 2008	Manolis Plionis National Observatory of Athens, Institute of Astronomy and Astrophysics	Η Ιεραρχική δημιουργία δομών στην Κοσμολογία Λ CDM: Σχήματα, δυναμική και εξέλιξη δομών

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