

## BRIEF CVs OF THE CANDIDATES FOR THE 2012-2014 GOVERNING COUNCIL AND AUDITORS OF HEL.A.S.

(based solely on information provided by the candidates – May 15, 2012)

### CANDIDATE FOR PRESIDENT

#### Kylafis Nikolaos

Professor, Department of Physics, University of Crete, Greece (since 1997). He was born in Nea Avorani, Trihionidos, Greece, on the 1<sup>st</sup> of January, 1949. He received his B.Sc. in Physics from the University of Patras, Greece (1971), the M.Sc. in Physics from the University of Illinois at Chicago, U.S.A. (1973) and the Ph.D. in Astrophysics from the University of Illinois at Urbana-Champaign, U.S.A. (1978). He worked as Research Associate, University of Illinois at Urbana-Champaign, (01 – 08/1979) and as Research Fellow, Caltech, (09/1979 – 08/1981). He became a Member of the Institute for Advanced Study, Princeton (09/1981 – 06/1984), Assistant Professor at Columbia University (07/1984 – 06/1985), Assistant Professor (1985 – 1989) and Associate Professor (1989 – 1997) at the University of Crete, Greece. Since 1989 he is also a Researcher at the Foundation for Research and Technology, Crete, Greece. His scientific interests include X-ray Astronomy (Accretion onto White Dwarfs, Neutron Stars, and Black Holes), Optical / Infrared Astronomy (Galaxies, Interstellar Medium) and Radio Astronomy (Masers, Polarization) and he has published 51 scientific papers in refereed journals and the textbook “*Electromagnetism*” (in Greek), commissioned by the Hellenic Open University. He has been elected and served as Associate Chairman (1997 – 1999) and Chairman (1999 – 2003) of the Department of Physics, University of Crete. In 2008 he was elected and he is currently completing a four-year term as the Dean of the School of Natural Sciences, University of Crete, Greece. He has been awarded the Visiting Fellowship Award, Australia (1991). He is a member of the International Astronomical Union (IAU), of the American Astronomical Society, of the European Astronomical Society (E.A.S.), and of the Hellenic Astronomical Society (Hel.A.S.) He served as Vice President of the Hellenic Astronomical Society (1998 – 2002), and as President (2010-2012). He is currently the President of the Greek National Committee for Astronomy. He is married to Anna Strataridaki.



Work address: University of Crete, Department of Physics, Section of Astrophysics and Space Physics, GR-71003 Heraklion, Crete, Greece. Phone: +30 2810-394215

e-mail: [kylafis@physics.uoc.gr](mailto:kylafis@physics.uoc.gr)

webpage: <http://www.physics.uoc.gr/en/faculty/kylafis.php>

## CANDIDATES FOR GOVERNING COUNCIL

### **Anastasiadis Anastasios**

Research Director, Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing of the National Observatory of Athens, Greece (since 2008). He was born in Thessaloniki, Greece, on the 21<sup>st</sup> of February, 1964. He received the B.Sc. in Physics from the Aristotle University of Thessaloniki, Greece (1985) and the Ph.D. in Astrophysics from the same University (1994). He has worked as Research Associate, Section of Astrophysics, Astronomy and Mechanics, Department of Physics, University of Thessaloniki (1995 – 1998), as Assistant Researcher (1998 – 2001) and Principal Researcher, National Observatory of Athens (2002 - 2007). His scientific interests include high-energy phenomena in Space Plasma Physics and Plasma Astrophysics; transport and diffusion Processes in Dynamical Astrophysical Systems; particle acceleration, transport and radiation in stochastic magnetic fields. He has published more than 40 refereed scientific papers in international journals and special volumes/books and more than 25 papers in conference proceedings. He is a member of the International Astronomical Union (IAU), of the European Astronomical Society (E.A.S.), of the Hellenic Astronomical Society (Hel.A.S.), of the Community of European Solar Radio Astronomers (CESRA) and of the Joint Organization for Solar Observations (JOSO). He is elected board member of Hel.A.S. (2010-2012). He served as a Guest Editor for the "Journal of Atmospheric and Solar-Terrestrial Physics" (2001) and the journal "Entropy" (2010-2011). He is a member of the Editorial Board of the journals "International Review of Physics" and "Entropy". He is married to Despoina Papadakis and they have one daughter.



Work address: National Observatory of Athens, Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, I. Metaxa and Vas. Pavlou St., GR-15236 Palea Penteli (Athens), Greece. Phone: +30 210-8109194

e-mail: [anastasi@noa.gr](mailto:anastasi@noa.gr) / webpage: <http://members.noa.gr/~anastasi>

### **Bonanos Alceste**

Assistant Researcher, Institute of Astronomy, Astrophysics, Space Applications and Remote Sensing, National Observatory of Athens, Greece (since 2009). Dr. Bonanos graduated *magna cum laude* from Wellesley College (USA) in 2000 with a B.A. in Physics and Astronomy. She obtained her M.A. and Ph.D. degrees in Astronomy from Harvard University (USA) in 2002 and 2005, respectively. She was a Vera Rubin Fellow at the Carnegie Institution of Washington (USA) from 2005-2008, and a Giacconi Fellow at the Space Telescope Science Institute (USA) from 2008-2009. Since September 2009, she is an assistant research Astronomer at the National Observatory of Athens, Greece. The goal of her research is to understand the evolution of very massive stars, probe the upper limit on the mass of stars and calibrate the extragalactic distance scale by determining accurate distances to Local group galaxies. She has 30 publications in refereed journals (as of May 2012). Her research is funded by a Marie Curie International Reintegration Grant of the European Union European Research Council (2009-2013), the John S. Latsis Public Benefit Foundation (2011) and the «Aristeia I» program of the General Secretariat of Research and Technology (2012-2015). Her work has received coverage by the press (e.g. Time Magazine, CNN, New Scientist). She has supervised 2 masters students in their theses and one postdoctoral researcher, and has given over 10 invited talks at conferences, universities and research institutes in Europe, the U.S. and Chile. In 2011, she was awarded the Greek L'Oreal-UNESCO prize For Women in Science.

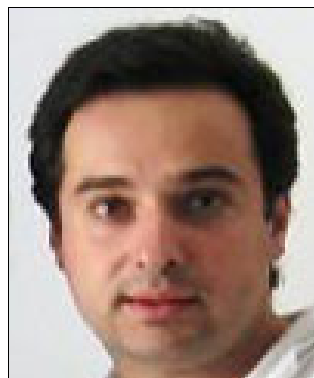


Work address: National Observatory of Athens, Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, I. Metaxa and Vas. Pavlou St., GR-15236 Palea Penteli (Athens), Greece. Phone: +30 210-8109177

**e-mail:** [bonanos@astro.noa.gr](mailto:bonanos@astro.noa.gr) / **webpage:** <http://www.astro.noa.gr/~bonanos>

### **Efthymiopoulos Christos**

Researcher, Research Center for Astronomy and Applied Mathematics Academy of Athens (since 2003). He was born in Athens, Greece, on the 24th of January, 1971. He received his B.Sc. in Physics from the University of Athens, Greece (1992) and his Ph.D. in Astronomy from the same University (1999). He was Temporary Assistant Professor (PD-407) at the Department of Statistics of the Univ. of Aegean (2001-2003). He was elected as Researcher C at the RCAAM (2003), and promoted to Researcher B (2006) and A (2012). His scientific interests include the Hamiltonian perturbation theory and the nonlinear dynamical systems with applications to dynamical astronomy, galactic dynamics, plasma physics and quantum mechanics. He has published 40 scientific papers in refereed journals, 3 invited reviews on galactic dynamics and canonical perturbation theory, and more than 25 papers in conference proceedings and special volumes. He has been awarded the “G.Th. Foteinos” prize of the Academy of Athens. He is a member of the International Astronomical Union (IAU), the Hellenic Astronomical Society (elected in the governing Council for the term 2010-2012), and of the Association of Greek Physicists (elected in the governing Council for the term 2010-2012). He is Associate Editor of the journal *Celestial Mechanics and Dynamical Astronomy*. He is married to Eleni Georgoudaki and they have two children.



Work address: Academy of Athens, Research Center for Astronomy and Applied Mathematics, S. Efessiou 4, GR-11527 Athens, Greece. Phone: +30 210- 6597513

**e-mail:** [ceftim@academyofathens.gr](mailto:ceftim@academyofathens.gr)

### **Papadakis Iossif**

Associate Professor, Department of Physics, University of Crete, Greece. He was born in Pireas, Greece, on December 18<sup>th</sup>, 1966. He received his B.Sc. in Physics from the University of Athens, Greece (1989) and his Ph.D. in Astrophysics from the Queen Mary And Westfield College, University of London, U.K. (1992). He worked as a Postdoctoral Researcher, Physics Department, Southampton University (1993-1994 & 1997), as Temporary Assistant Professor (N/407), Department of Physics, University of Crete, Greece (1998-2000), as Researcher D, IESL/FORTH-Hellas (2001-2002), and as an Assistant Professor in the Department of Physics, University of Crete, Greece (2003-2008). He is a member of the International Astronomical Union (IAU) and of the Hellenic Astronomical Society (Hel.A.S.). He is currently the Secretary of the Society's Council. His scientific interests include AGN studies, Extragalactic Astrophysics and X-Ray Galactic Binaries. He has published 89 referred papers in these areas.



Work address: University of Crete, Department of Physics, Section of Astrophysics and Space Physics, GR-71003 Heraklion, Greece. Phone: +30 281-0394213

**e-mail:** [jhep@physics.uoc.gr](mailto:jhep@physics.uoc.gr)

**webpage:** <http://www.physics.uoc.gr/en/faculty/papadakis.php>

### **Tsiganis Kleomenis**

Assistant Professor, Department of Physics, Aristotle University of Thessaloniki, Greece. Born in Larissa, Greece, on January 12, 1974. He obtained his BSc in Physics from the University of Thessaloniki (AUTH) in 1996, as well as his PhD in Astrophysics in 2002, having received an IKY fellowship (1998-2002). He then moved to the Observatoire de la Cote d'Azur (OCA-CNRS), France, where he worked as "Marie Curie" post-doctoral fellow (2003-2005). He was appointed Lecturer at the Department of Physics of AUTH in 2006. Since then, he has also worked as Visiting Scientist at OCA (France, 2011) and the Southwest Research Institute at Boulder (USA, 2011). His scientific interests include Solar system dynamics, celestial mechanics, formation and evolution of planetary systems, and nonlinear dynamics. He has published 37 refereed papers and 4 review papers, receiving more than 1200 citations (ADS, May 2012). He is a member of the Hellenic Astronomical Society (Hel.A.S.) since 1997 and Auditor of the Society since 2007. In 2009 the IAU Small Body Nomenclature Committee renamed asteroid 1996RC221 to "(21775) Tsiganis", in recognition of his scientific contribution.



Work address: University of Thessaloniki, Department of Physics, Section of Astrophysics, Astronomy & Mechanics, GR- 54124 Thessaloniki, Greece. Phone:+30 2310 998963

e-mail: [tsiganis@auth.gr](mailto:tsiganis@auth.gr)

### **Tsiropoula Georgia**

Research Director, Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, National Observatory of Athens, Greece. She was born in Levadia, Viotia. She received the B.Sc. in Physics from the University of Athens, the D.E.A. in Astrophysics from the University Paris VII and the PhD in Solar Physics from the University of Athens. Her scientific interests include Solar and Interplanetary Physics and more specifically, fine-scale structure of the solar atmosphere, sunspot oscillations, coronal loops, radiative transfer problems, and signatures of solar structures in the interplanetary medium. She has worked as a visiting research fellow at the Laboratoire Stellaire and Planetaire (CNRS, France), as a visiting scientist at the Observatoire de Meudon (France), at the Ondřejov Observatory (Czech Republic) and at the Sterrekundig Instituut of Utrecht (The Netherlands), and as a visiting observer at the Observatorio del Teide (Tenerife) and the Observatorio del Roque de los Muchachos (La Palma). She has been principal investigator or co-investigator of several projects funded from the European Commission (EC) and the General Secretariat of Research and Technology (GSRT), as well as of several solar observational campaigns (two of them funded through OPTICON) with space-borne and ground-based instruments. She was the main organizer of an International Conference in Solar Physics funded from the EC and the International Astronomical Union (IAU) (Santorini, 2002), and co-organizer of the 13<sup>th</sup> meeting of the European Solar Physics division (Rhodes, 2011). She has been team co-leader of two meetings held in 2009 and 2010 at the International Space Science Institute (ISSI) in Bern (Switzerland), and has served as a member of the SOC and/or LOC of several conferences. She has published 42 papers in refereed journals, 11 refereed papers in conference proceedings, 3 review papers and approximately 55 papers in conference proceedings and special volumes/books. She has served twice as a member of an international committee for a prize award to a young solar physicist for an outstanding paper published in a peer-reviewed journal. She is elected as Secretary of the Board of the Joint Organization for Solar Observations (JOSO) since 2005.



She is a member of the International Astronomical Union, of JOSO, of the European Astronomical Society-Solar Physics Section, of the Hellenic Astronomical Society (HelAs) and of the Association of Researchers of the National Observatory of Athens, in which she has served as member, secretary or president of the Board. She is married to Nikos Glezos and they have two daughters.

Work address: Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, National Observatory of Athens, Lofos Koufos, 15236 P. Penteli, Greece. Phone: +30 210-8109191

**e-mail:** [georgia@noa.gr](mailto:georgia@noa.gr) / webpage: <http://www.space.noa.gr/~georgia>

### **Vlahakis Nektarios**

Assistant Professor, Department of Physics, University of Athens, Greece (since 2008). He was born in Agios Nikolaos, Crete on the 4<sup>th</sup> of February, 1971. He got his B.Sc. in Physics from the Aristotle University of Thessaloniki, Greece (1992), his M.Sc. in Physics from the University of Crete, Greece (1994) and his Ph.D. in Astrophysics from the same University (1998). He has been a McCormick fellow at the Enrico Fermi Institute, Univ. of Chicago, U.S.A. (2000-2002) and a Research Associate at the Astronomy and Astrophysics Dept., Univ. of Chicago, U.S.A. (2002-2003). His scientific interests include plasma astrophysics, relativistic and non-relativistic magnetohydrodynamics, cosmic jets, AGNs, GRBs, Pulsar winds, accretions disks, plasma equilibrium and stability and nonlinear differential equations. He has published 32 scientific papers in refereed journals and 22 in conference proceedings and special volumes. He is a member of the International Astronomical Union (IAU) and of the Hellenic Astronomical Society (Hel.A.S.). He is married to Christina Panteli and they have one daughter.



Work address: Section of Astrophysics, Astronomy and Mechanics, Department of Physics, University of Athens, Panepistimiopolis, GR- 15784 Zografos, Athens, Greece. Phone: +30 210 727-6903

**e-mail:** [vlahakis@phys.uoa.gr](mailto:vlahakis@phys.uoa.gr)

**webpage:** <http://users.uoa.gr/~vlahakis>

## CANDIDATES FOR AUDITORS

### Christopoulou Eleftheria-Panayota



Assistant Professor, Department of Physics, University of Patras (2012). She was born in Athens, Greece on the 6<sup>th</sup> of May 1967. She got her B.Sc in Physics from the University of Patras, Greece (1988), her M.Sc in Astronomy from the Department of Physics and Astronomy, Victoria University of Manchester, UK (1989-1990) and her Ph.D in Astrophysics from the Department of Physics, University of Patras (1993). She has worked as Honorary research assistant and research associate at the Department of Physics and Astronomy, Victoria University of Manchester, UK, and at the Astronomical Laboratory, University of Patras in the period 1993-2000, as a Lecturer at the Department of Physics, University of Patras (October 2004-2012) and as a teaching academic staff at the Hellenic Open University, School of Science and Technology (2002-2011). Her scientific interests

include variability studies of Active Galactic Nuclei (AGN), studies of the interstellar medium (detection and study of supernova remnants and planetary nebulae in the optical) as well as variability studies of binary stars. She is one of the founding members of the Hellenic LYceum Cosmic Observatories Network, (<http://helycon.eap.gr>) at the Hellenic Open University. She has published 18 scientific papers in refereed journals, 2 refereed scientific papers in special volumes/books and 10 papers in conference proceedings. She has co-authored (in Greek) the text book "Astrophysics" (2001) and the "Physics and Special Topics of Modern physics" (hypertext) (2005) commissioned by the Hellenic Open University and the textbook "Introduction to Astronomy and Astrophysics" (2009) (ed. University of Patras). She has translated in Greek "The Myth of Darwinism" R. Milton (1997) and "The Book of Cosmos" Scientific American, David H. Levy (2004). She is a member of the International Astronomical Union (IAU) and of the Hellenic Astronomical Society (Hel.A.S). She has two sons.

**Work address:** Astronomical Laboratory, Department of Physics, University of Patras, GR-26504 Rio, Patra, Greece. Phone: +30 2610-996907

**e-mail:** [pechris@physics.upatras.gr](mailto:pechris@physics.upatras.gr)

### Patsourakos Spiros

Assistant Professor, Department of Physics, University of Ioannina, Greece. He was born in Thessaloniki, Greece on May 25th, 1972. He received his B.Sc. in Physics from the Aristotle University of Thessaloniki (1996), and his M.Sc. and Ph.D on Plasma Physics from the University of Paris XI, Orsay, France (1997,2000). He worked as a Postdoctoral Researcher in the Mullard Space Science Laboratory, University College of London, Holmbury St. Mary, UK (2000) and in Naval Research Lab, Washington-DC, USA (2000-2009). Since 2009 he is an Assistant Professor in the Department of Physics, University of Ioannina, Greece. His research interests focus on solar physics (coronal heating and structuring, Coronal Mass Ejections and flares, global coronal waves) and Space Weather (Interplanetary propagation of CMEs and shocks). He is a member of the Hellenic Astronomical Society (Hel.A.S). He is a Co-investigator of the Sun Earth Connection Coronal and Heliospheric Investigation (SECCHI) on-board the NASA Solar Terrestrial Relations Observatory (STEREO) mission and of the proposed Large European Module for solar Ultraviolet Research (LEMUR) for the JAXA Solar-C mission. He is also scientific collaborator of the Association de Satellites Pour l'Imagerie et l'Interf@rom@trie de la Couronne Solaire (ASPIICS) of the planned ESA PROBA III mission.

**Work address:** University of Ioannina, Dept Physics-Section Astrogeophysics, GR 451 10 Ioannina, Greece

**e-mail:** [spatsourakos@cc.uoi.gr](mailto:spatsourakos@cc.uoi.gr)

**Zeas Andreas**

Assistant Professor, Department of Physics, University of Crete (since 2009). He was born in Athens, Greece in 1974. He received his B.Sc. in Physics from the University of Patras, Greece (1996), and his Ph.D. in Astrophysics from the University of Leicester, UK (2002). In 2000 he joined the High Energy Astrophysics Division of the Harvard-Smithsonian Center for Astrophysics as an Astrophysicist. His research interests include multiwavelength properties of galaxies and in particular their populations of X-ray binaries and supernova remnants, the nature of low-luminosity AGNs, and the onset of activity in interacting galaxies. He has published 74 papers in refereed journals. He is a member of the International Astronomical Union (IAU), of the Hellenic Astronomical Society (Hel.A.S), and of the American Astronomical Society (AAS).



Work address: University of Crete, Department of Physics, Section of Astrophysics and Space Physics, GR-71003 Heraklion, Greece. Phone: +30 2810-394212.

**e-mail:** [azezas@physics.uoc.gr](mailto:azezas@physics.uoc.gr)

**webpage:** <http://www.physics.uoc.gr/en/faculty/zeas.php>