

PERSONAL INFORMATION

Family name: Contopoulos

First name: Ioannis

Nationality: Greek

EDUCATION

1992 PhD, Astrophysics, Astronomy Department, Cornell University, USA
1990 Master's, Astrophysics, Astronomy Department, Cornell University, USA
1987 BA, Electrical Engineering, National Technical University, Athens, Greece

CURRENT POSITION

2011 – today Director of Research (Equivalent to University Full Professor), Research Centre for Astronomy and Applied Mathematics, Academy of Athens, Greece

190+ publications, 5,429+ citations (approx.), h-index: 36

PREVIOUS POSITIONS

2015 – 2019 Professor (remote), Moscow Eng. Physics Institute-MEPHI, Moscow, Russia
2008 – 2011 Senior Researcher (Equivalent to University Associate Professor), Research Centre for Astronomy and Applied Mathematics, Academy of Athens, Greece
2005 – 2008 Associate Researcher (Equivalent to University Assistant Professor), Research Centre for Astronomy and Applied Mathematics, Academy of Athens, Greece
2004 – 2005 High school Professor, Piraeus, Greece
1999 – 2004 Production Engineer, Hellenic Aluminum Industry, VIOHALCO Group, Greece (Automotive, Production Planning)
1997 – 1998 Visiting Professor, Physics Department, University of Crete, Greece
1995 – 1997 Research Associate, Astronomy Department, University of Chicago, USA
1993 – 1995 NRC/NAS Resident Research Associate, Laboratory for High Energy Astrophysics, NASA/Goddard Space Flight Center, USA
1989 – 1991 Graduate Research Assistant, Astronomy Department, Cornell Univ., USA

FELLOWSHIPS AND AWARDS

1987 – 1990 AD White Graduate Fellowship, Cornell University, USA

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2 Postdoctoral Constantinos Kalapotharakos, Matthaios Katsanikas (RCAAM)
7 PhD Ioannis Dimitropoulos, Dimitris Ntotsikas (University of Patras), Argyrios Loules, Vassilios Mpisketis, Antonios Nathanail, Charalambos Sinnis, Leela Koutsantoniou, Constantinos Sapountzis (Univ. of Athens), Nikolaos Trifonidis (Univ. of Thessaloniki)
1 MSc Petros Stefanou, George Karydianakis (Univ. of Athens)

TEACHING ACTIVITIES

1997 – 1998 Visiting Professor, Physics Department, Univ. of Crete (Linear Algebra)
1989 – 1991 Graduate Research Assistant, Cornell University (Introductory Astronomy)

ORGANIZATION OF SCIENTIFIC MEETINGS

- 2020 “The multi-messenger physics and astrophysics of neutron stars”, PHAROS Cost Action Conference (~150 participants), Greece, SOC & LOC (cancelled due to COVID-19)
- 2019-2021 “Models of VHE emission in pulsars: evaluation of the current state-of-the-art and future prospects”, ISSI Bern International Team of Experts, Leader-Coordinator of two Meetings
- 2019 “High Energy Phenomena in Relativistic Outflows”, HEPRO VII, Barcelona, SOC
- 2016 “Gamma-ray bursts: recent theoretical models and observations”, Symposium (~40 participants), EWASS 2016, Athens, SOC co-Chair
- 2016 “Exploring pulsar formation, evolution and magnetic field: from low mass X-ray binaries to magnetars”, Symposium (~40 participants), EWASS 2016, Athens, SOC
- 2014 “The role and the origin of magnetic fields in astrophysics”, Workshop (~40 participants), Academy of Athens, Organizer
- 2012 “Formation and disruption of jets in black-hole binaries and AGNs”, Special Session (~40 participants), EWASS 2012, Rome, SOC co-Chair

MAJOR FUNDING

- 2012-2015 “The Cosmic Battery”, Program “Excellence” funded by the General Secretariat for Research and Technology of Greece and the European Social Fund (awarded 276,000 euros)

COMMISSIONS OF TRUST

- 2024,23,20 Evaluator, program OPUS-26, National Science Centre Poland
- 2019 Evaluator, ERC Consolidator Grants 2019
- 2018 External evaluator, PhD defence of Chantry Loic, Observatoire de Meudon
- 2015-today Elector, 17 elections/promotions of University Faculty
- 2013-2017 MPNS COST Action MP1304, “Exploring fundamental physics with compact stars”
- 2015 Proposal panelist, Partnership for Advanced Computing in Europe-PRACE

MEMBERSHIP IN SCIENTIFIC SOCIETIES

IAU, Hellenic Astronomical Society, Hellenic Society on Rel., Grav. and Cosmology

MAJOR COLLABORATIONS

Dr. Demosthenes Kazanas, pulsar magnetospheres, NASA/Goddard, USA
Dr. Konstantinos Gourgouliatos, neutron star interiors, University of Patras, Greece
Pr. Demetrios Papadopoulos, general theory of relativity, University of Thessaloniki, Greece

CAREER BREAKS

1992 – 1993 Mandatory Military Service, Greece