



Kanaris Tsinganos

Title: Professor of Astrophysics

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Academic Qualifications:

- B.Sc. in Physics, Aristotle University of Thessaloniki
- M.Sc. in Physics, the University of Chicago
- Ph.D. in Physics, the University of Chicago

Appointments:

- Research Associate, Enrico Fermi Institute, Univ. of Chicago
- Research Associate, Harvard-Smithsonian Center for Astrophysics
- Lecturer, Harvard University
- Visiting Professor, University of St-Andrews
- Visiting Professor, University of Turin
- Visiting Professor, Observatoire de Paris
- Assistant, Associate, Full professor, Univ. of Crete

Teaching Activities: (current)

- Theoretical Mechanics (undergraduate)
- Plasma Astrophysics (undergraduate)
- Plasma Astrophysics (postgraduate)
- Space Environment (postgraduate).

Research Interests/Activities: (last 10 years)

- Theoretical Astrophysics
- Astrophysical Plasmas
- Solar, stellar and extragalactic astrophysical Jets
- Solar Physics and Instrumentation

Scientific Publications/Citations:

- More than 232 publications
- More than 115 refereed publications
- More than 3330 citations
- More than 1000 normalized NASA/ADS citations
- Hirsch index, $h=32$

Top five publications

- Tsinganos, K., (1982) Magnetohydrodynamic equilibrium. II-General integrals of the equations with one ignorable coordinate, Astrophysical Journal, vol. 252, p. 775.

- Sauty, C., Tsinganos, K. (1994), Nonradial and nonpolytropic astrophysical outflows III. A criterion for the transition from jets to winds, C Sauty, K Tsinganos Astronomy & Astrophysics 287, 893
- Vlahakis, N., Tsinganos, K. (1998), Systematic construction of exact magnetohydrodynamic models for astrophysical winds and jets MNRAS, vol. 298, p. 777
- Bogovalov, S., Tsinganos, K. (1999) MNRAS, On the magnetic acceleration and collimation of astrophysical outflows, vol. . 305, π. 211
- Acharya, B.S. et al, Astroparticle Physics, Vol. 43, p. 3-18 (2013), Introducing the CTA Concept

Distinctions:

- Elected by invitation Prof. of Astrophysics, Un. of Athens
- Elected President, Hellenic Astronomical Society (2006-2010)
- National representative to ESA Science Program Committee (2005-2010)
- Member of the Hellenic Council for Research & Technology (2004-2010)

Other Activities:

- Director of National Observatory of Athens (2010-2016-
- Invited panel member of EU/Ideas/ERC Advanced Grants since 2008
- Invited evaluator of Marie Curie European postdoctoral Fellowships continuously since 2005
- Greek PI to Coronagraph Control Board component of ESA's PROBA 3 mission since 2009.
- P.I. of several large research projects funded by the EC on Astrophysics, Space Physics, Environment, Seismology
- Author of several textbooks (Introduction to Theoretical Mechanics, Plasma Astrophysics, etc).
- Author of a special volume commemorating 170 years of continuous operation of the National Observatory of Athens.