

APOSTOLOS MASTICHIADIS

Current address:

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Physics Department
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Education

- Degree in Physics, Physics Dpt, National and Kapodistrian University of Athens, 1979
- MSc, Sussex University, England, 1980
- PhD, Boston University, USA, 1985

Thesis

'Electron-Positron Production By Ultrarelativistic Electrons In A Soft Photon Field',
advisors K. Brecher and A. Marscher, Boston University

Academic Positions

- Postdoctoral Fellow, Theory group, Max-Planck-Institut fuer Extraterrestrische Physik, Garching, Germany, 1985-86 and 1987-88
- Research Associate, Cosmic Ray group, Department of Physics and Mathematical Physics, University of Adelaide, Australia, 1988-90
- Research Associate, Kosmophysik group, Max-Planck-Institut fuer Kernphysik, Heidelberg, Germany, 1990-92 and 1993-97
- NAS/NRC Research Associate, NASA/Goddard Space Flight Center, Maryland, USA 1992-93
- Associate Professor, Physics Department, National and Kapodistrian University of Athens, 1997- 2015
- Professor, Physics Department, National and Kapodistrian University of Athens, 2015 - present

Teaching

Undergraduate School, Physics Department, National and Kapodistrian University of Athens

- Mechanics I (1997-1999)
- Physics of Stars (1999- present)
- Stellar Systems and Galaxies (2000-present)
- High Energy Astrophysics (2001-present)

Graduate School, Physics Department, National and Kapodistrian University of Athens

- High Energy Astrophysics (2001-present)
- Fundamental Concepts in Astrophysics (2015-present)

Ph.D. Supervision

- Dr. Konstantinos Moraitis (grad. November 2012)
- Dr. Maria Petropoulou (grad. November 2013)
- Dr. Stavros Dimitrakoudis (grad. December 2013)

- Ms Stella Boula (ongoing)
- Ms Ioulia Florou (ongoing)

Research Interests:

- Particle Acceleration and Radiation. Applications to
 - Active Galactic Nuclei
 - Gamma Ray Bursts
 - Supernova Remnants
- Radiative Transfer
- Cosmic Ray Physics
- Neutrino Astrophysics

Administration:

- Director of the Section of Astrophysics, Astronomy and Mechanics, Physics Department, National and Kapodistrian University of Athens (2013-2019)
- Director of Astrophysics Laboratory, Physics Department, National and Kapodistrian University of Athens (2016-present)
- President of the Hellenic Astronomical Society (2016-2020)

Societies:

- Hellenic Astronomical Society
- European Astronomical Society
- International Astronomical Union

Publication List:

<https://scholar.google.gr/citations?user=xnVTyRMAAAAJ&hl=en>