

Romylos Korakitis

Short CV (November 2013)

Personal details:

- Full Name: Romylos Korakitis
- Title: Professor
- Affiliation: National Technical University of Athens
School of Rural & Surveying Engineers
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Studies – Degrees:

1. Physics degree (1975) from the Dept. of Physics, National & Kapodistrian University of Athens
2. M.Sc. in Astronomy (1977) from the Astronomy Centre, University of Sussex, England
3. Ph.D. in Astrophysics (1979) from the Astronomy Centre, University of Sussex, England

Scholarships:

Scholarship for postgraduate studies (1976-1979) from the State Scholarship Foundation of Greece (IKY)

Positions held:

- 1979 Scientific Officer, Royal Greenwich Observatory, Herstmonceux, England
- 1982-1991 Lecturer at the School of Rural & Surveying Engineers (SRSE), National Technical University of Athens (NTUA)
- 1991-2001 Assistant Professor at the SRSE, NTUA
- 2001-2008 Associate Professor at the SRSE, NTUA
- 2008- now Professor at the SRSE, NTUA
- 1995-1996 Member of the Senate of the NTUA
- 2005-2009 Member of the Senate of the NTUA
- 1999- now Vice Chairman of the Geoinformatics Laboratory of the SRSE, NTUA
- 2000- now Member and Vice Chairman of the Senate Committee of Basic Research, NTUA
- 2004-2006 Director of the Dept. of Topography, NTUA
- 2006-2009 Vice President of the SRSE, NTUA
- 1994-1995 Secretary of the Greek National Space Committee
- 1995-2001 Member of the Greek National Committee of Astronomy
- 2010- now National representative (Ministry of Education) to the Advisory Committee on Education of the European Space Agency (ACE/ESA)
- 2000- now Member of the Greek National Steering Committee of the European programs “Physics on Stage” and “Science on Stage”

Teaching experience:

- Positional and Geodetic Astronomy (1984 – now)
- Introduction to Computer Science (1998 – now)
- Computer Programming and Applications (1999 – now)

Research interests and experience:

- Geodetic applications of lasers and electro-optics (Satellite Laser Ranging)
- Modeling of the Earth's gravity field
- Mathematical & Geometric Geodesy
- Positional Astronomy and Astrometry
- Contemporary digital methods in Geodetic Astronomy
- Observational Astrophysics of stellar systems and galaxies

Participation in main research projects:

- Development of a digital system for the registration of the National Highways Network (NTUA, 1995-1996)
- Installation of the new 2.3 m telescope “Aristarchos” of the National Observatory of Athens (NOA, 1998-2001)
- Member of the Working Groups of Simulations and Photometry for the preparation of the ESA cornerstone mission GAIA (NTUA, 2001-2004)
- “AthenoGAIA” - data processing for the GAIA mission (National & Kapodistrian University of Athens, officially 2004-2006)
- Member of the Coordination Unit (CU) 8 “Astrophysical Parameters” of the *GAIA Data Processing & Analysis Consortium* (National & Kapodistrian University of Athens, 2006 – now)

Recent Publications:

- Fourteen (14) articles in international, refereed Journals
- Twenty four (24) presentations in national and international Conferences
- Fifteen (15) technical reports