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Editor of Journal of Applied Electromagnetism (JAE) : <http://jae.ece.ntua.gr>

1. Studies - Employment

Panayiotis V. Frangos was born in Thessaloniki, Greece, in 1959. He received the Bachelor Degree from the NTUA, Greece, in 1983, and the Master's and Ph. D. Degrees from the Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, USA, in 1985 and 1986 respectively, all in Electrical Engineering. Since 1989, after his military service in Greece, he has been with the Faculty of the Department of Electrical and Computer Engineering, NTUA, first as a Lecturer (1989 - 92), and subsequently as an Assistant Professor (1992 - 96), Associate Professor (1996 - 2000), and Full Professor (2000 - today).

2. Areas of Interest

His areas of research include : Propagation of electromagnetic waves over terrain, radar systems, direct and inverse synthetic aperture radar signal processing techniques, scattering from fractal surfaces, high frequency scattering techniques, inverse scattering, nonlinear propagation of electromagnetic (EM) waves in optical fibers, finite - element techniques, near EM field calculations, imaging of radar targets etc.

3. Scientific Publications

He is the author of the **book** 'Electromagnetic methods of Remote Sensing', in Greek (248 pages). Furthermore, he has presented more than about **190 papers** in International Scientific Journals (41), Book Chapters (3) and International Conferences - International Scientific Working Groups (127). Furthermore, he has received about 280 citations for his research work (240 citations from other authors, in other words if self – citations are excluded), according to the following source : 'ISI Web of Science – Thomson Reuters'.

4. Other Scientific Activities

- Since 2009 he has been the **Editor** for the International Scientific 'Journal of Applied Electromagnetism, JAE', published electronically at the web twice a

year from School of Electrical and Computer Engineering, NTUA, Athens, Greece.

- Member of the **Editorial Board** for Journal of ‘Electronics and Electrical Engineering’ (2012 / Journal’s Impact Factor = 0.913, in 2011).
- He has acted as a **Reviewer** to many International Scientific Journals, such as IEEE Antennas and Propagation, IEEE Aerospace and Electronics Systems, IET (IEE) Signal Processing, Signal Processing (Elsevier), IEEE Microwave Theory and Techniques, Journal of Electromagnetic Waves and Applications (JEWA), Radio Science, Journal of Applied Electromagnetism, Electronics Letters, IEE Proceedings, Applied Optics, Journal of Optical Society of America B (JOSA B), IEEE Quantum Electronics, Optics Communications, Optics Letters, Journal of ‘Shipbuilding Engineering Research’ (SER) etc.
- He has been a **Member of the Scientific / Organizing Committee** for many International Conferences, such as the EuCAP2006 and EuCAP2007 Conferences on Antennas and Propagation (Nice, France and Edinburgh, UK, respectively), the International Conferences of the Black Sea Union on Applied Electromagnetism at Metsovo, Greece (1996) and Xanthi, Greece (2000), Mediterranean Microwave Symposium 2005 (MMS’05), International Conference of the 20th Anniversary of the Technical University of Plovdiv, Bulgaria (2006), ‘Electronics 2014’ and ‘Electronics 2015’ Conferences, Palanga, Lithuania, **Vice – Chairman** of the International Conferences on ‘Communications, Electromagnetics and Medical Applications’ CEMA’06, CEMA’07, CEMA’09, CEMA’11, CEMA’13, CEMA’15, CEMA’16 and CEMA’17 in Sofia, Bulgaria, and **Chairman** of the International Conferences CEMA’08, CEMA’10, CEMA’12 and CEMA’14 in Athens, Greece, ‘**Session Chairman**’ at International Conferences ‘Electronics 2014’ and ‘Electronics 2015’, Palanga, Lithuania, etc.
- He has acted as **Guest Editor** to the Special Issue of IET (former IEE) ‘Signal Processing’ Journal on ‘ISAR Signal Processing Techniques’ (June 2007).
- Also, **Lead Guest Editor** to the Special Issue of ‘International Journal Antennas and Propagation’ (IJAP), Hindawi Ed. Co., on ‘Propagation of Electromagnetic (EM) Waves over Terrain’ (PEWT), July 2013 – July 2014.
- He has also participated to many national and international research projects and **International Collaboration Programs** (e.g. Socrates – Erasmus, and others), as well as collaboration with Eurasian National University, Astana, Kazakhshtan (Prof. S. Sautbekov).
- He has been a member of several scientific working groups and technical committees, both national and international.
- He has taught as an **Instructor** to several Universities, such as the NTUA (**Faculty Member**, see above), University of Pennsylvania, USA (teaching assistant), Greek Air Force Academy, Greek Naval Academy etc., besides to his teaching abroad through the Erasmus Programme (Spain, Poland, Russia, Romania, Bulgaria) and elsewhere (Republic of Kazakhshtan).
- He is a member of the Technical Chamber of Greece.