

**Panayiotis V. Frangos, Professor**  
National Technical University of Athens (NTUA), Greece  
School of Electrical and Computer Engineering  
9, Iroon Polytechniou Str., GR-157 80 Zografou  
Athens, Greece

e-mail : [pfrangos@central.ntua.gr](mailto:pfrangos@central.ntua.gr)

Telephone : +30 210 772 3694

FAX : +30 210 772 2281

Personal web page: <http://www.ece.ntua.gr/personal.html?id=51>

Laboratory web page: <http://radar.ece.ntua.gr>

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 in urban environments, high frequency scattering techniques, radar systems, direct and inverse synthetic aperture radar signal processing techniques, scattering from fractal surfaces, inverse scattering, nonlinear propagation of 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 145 papers in International Scientific Journals (35 papers), International Conferences and International Scientific Working Groups (about 110 papers and presentations), and he has received many citations (about 155 in 'ISI Web of Knowledge') by *other* authors for his research work.

### **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, <http://jae.ece.ntua.gr>

- 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 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 20<sup>th</sup> Anniversary of the Technical University of Plovdiv, Bulgaria (2006), **Vice – Chairman** of the International Conferences on ‘Communications, Electromagnetics and Medical Applications’ CEMA'06, CEMA'07, CEMA'09 and CEMA'11 in Sofia, Bulgaria, CEMA'08 in Athens, Greece, and **Chairman** of the International Conference CEMA'10 in Athens, Greece.
- He has acted as **Guest Editor** to the Special Issue of IET (former IEE) ‘Signal Processing’ Journal on ‘ISAR Signal Processing Techniques’ (June 2007).
- 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, Kazakshstan (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 Socrates – Erasmus agreements.
- He is a member of the Technical Chamber of Greece.