

**PROF. Dionisis CAVOURAS**  
**Short CV (2022)**

**Personal Details:**

**Cavouras Dionisis, Ph.D.**

**Nationality: Greek**

**Professional Details:**

*Qualification:* Electronic Engineer.

*Present Occupation and Business Address:*

Professor, Emeritus,  
Medical Signal and Image Processing Lab ([MED.I.S.P.](#))  
Dept. of Biomedical engineering,  
University of West Attica, Athens, Greece,  
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**Education:**

1974: B.Sc. in Electronic Engineering, The City University, London, England.

1976: M.Sc. in Systems Engineering, The City University, London, England.

1981: Ph.D. in Systems Engineering, The City University, London, England (Ph.D. thesis on SPECT tomographic reconstruction algorithms.)

**Hospital Appointments:**

1982-1992: Research Fellow in Medical Image Processing, Departments of Radiology and Computed Tomography, General Airforce Hospital, Athens, Greece.

**Academic Appointments:**

1986-1990: Adjunct Professor, Dept. of Computer Systems, Technological Educational Institution of Piraeus, Greece. Subject taught "D.S.P".

1987-1990: Adjunct Professor, Dept. of Electronic Engineering, Hellenic Air-Force Academy, Athens, Greece. Subject taught: DSP

1988-1989: Adjunct Lecturer, Dept. of Computer Engineering, Patras University, Patras, Greece. Subject taught: Image Processing.

1989-2017: Professor, Dept. of Medical Instrumentation Technology, Technological Educational Institution of Athens, Greece. Subjects taught: DSP, Medical Image Processing, Medical Image Analysis, Medical Informatics.

1996-2011: Honorary Professor Associate, Brunel University, UK, subject : "Network Computing in Java"

1990-2016: M.Sc. teacher, "ERASMUS" post-graduate course in "Biomedical Engineering and Medical Physics", Dept. of Medical Physics, Patras University, Greece. Subject taught: "Medical Image Processing",

1995-2016: Adjunct Professor, subject taught: "Medical Image Processing", post-graduate course in "Informatics", Dept. of Informatics, University of Athens.

2018 – present: Professor, Emeritus, University of West Attica, Athens, Greece. Subject taught: Machine Learning

**Membership of Professional and Scientific Societies:**

Institute of Electrical and Electronic Eng., IEEE Computer Society, IEEE Engineering in Med. and Biol. Society, Technical Chamber of Greece, Greek Society of Biomedical Engineers.

## Research Profile

- A. Prof. Dionisis Cavouras, has served as the director of the [Medical Signal and Image Processing Lab](#), which was first formed in 1989 and since 2009 has been established as a research laboratory under the Greek act/law 3794-4/9/2009.

Prof. Cavouras has an important experience in the fields of signal and image processing and analysis, medical statistics, medical physics, and machine learning. See [Google scholar](#) citations profile and [Scopus](#) profile

He has participated in numerous R&D scientific European and national projects and has coordinated national projects.

- B. Section Editor Physics:** European Radiology (participated as Section Editor and Scientific Editorial Board, Physics 2000-2008)
- C. C) Co-author in scientific book published by Academic Press:** S.Theodoridis, A. Pikrakis, K. Koutroumbas, D. Cavouras “[Introduction to Pattern Recognition: A Matlab approach.](#)” Academic Press, 2010.