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Medical School

University of Athens 75 Mikras Asias str.

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#### **EDUCATION**

Ph.D. in Medical Physics - University of Athens, Greece	1983
B.Sc. in Physical Sciences - University of Patra, Greece	1975

#### **EMPLOYMENT**

Associate Professor, University of Athens, School of Medicine	2011
Assistant Professor, University of Athens, School of Medicine	2004
Lecturer, University of Athens, School of Medicine	1983
Assistant, University of Athens, School of Medicine	1977
Professional Licence in Medical Physics (Medical Physicist)	1990

**Postdoctoral Scholar** in the Radiological Sciences Dpt, Medical Imaging Division, UCLA School of Medicine

1984 - 1985

#### Research Fellow, European Commission

1999 - 2007

- DIMOND
  - Digital Imaging: Measures for optimizing radiological information and dose in digital imaging and interventional radiology. DIMOND II Concerted Action 1998-1999.
  - Digital Imaging: 'Measures for optimizing radiological information and dose in digital imaging and interventional radiology'. European Commission 5th Framework Programme (1998-2002) Nuclear Fission and Radiation Protection Contract. Program Acronym: FP5-EAECTP C. Project Reference: FIGM-2000–00061. Project Acronym: DIMOND III.
- SENTINEL consortium agreement: 'Efficacy and Safety in Digital Radiology, Dentistry and Nuclear Medicine'. Contract Number: FP6 – 012909 (01/01/2005 - 30/04/2007).

# **DISTINCTIONS & SCHOLARSHIPS**

 Member of the International Advisory Committee in the «International Conference on Radiation Protection in Medicine, 1-3 Sept 2010, Varna, Bulgaria <a href="www.rpm2010.org">www.rpm2010.org</a>»

- Member of the External Advisory Group for formulation of the European Commission RP162 document: "Radiation Criteria for Acceptability of Medical Radiological Equipment used in Diagnostic Radiology, Nuclear Medicine and Radiotherapy", 2010-11
- Elected member of the General Assembly, School of Medicine, University of Athens, as a representative of the Basic Medical Sciences Sector, for the academic year 2009-2010
- Award "in honor" for contributing to social life of Greece. Association of Greek Writers, within the institution "We honor the authors"

  2008
- NATO Advanced Study Institute Workshop (ASI): PACS in Medicine, Evian, France
   14/10/1990 26/10/1990
- IAEA Fellowship Program: research fellow in the Radiological Sciences Dpt, Medical Imaging Division, UCLA School of Medicine
   1986 1987

# **WORKSHOPS**

- Training Course for Medical Physicist on Quality Assurance and Patient Radiation
   Protection in Diagnostic Radiology, Passau, Germany
   16/09/96 20/09/96
- Training Workshop on Reference Doses and Quality in Medical Imaging, Luxemburg
   23/10/97 25/10/97
- Training Course for Medical Physicists on Establishment of Reference Levels in Diagnostic Radiology που διοργανώθηκε από την Ευρωπαϊκή Επιτροπή (European Radiation Protection Education and Training ERPET), Passau, Germany
   13/09/99 15/09/99
- Radiation GAEC Seminar on "Harmonization of Radiation Protection Regulations by Directive 97/43 Euratom for the Medical Exposure to Ionizing Radiation", Athens

03/06/2000

- IRPA Congress, Florence, Italy (European IRPA Congress)
   08-11/10/2002
- DIMOND III Midterm meeting, Trier, Germany 26/10/2002
- Mediterranean Medical Physics meeting, Agrigento, Italy
   June 24-28 2003
- SENTINEL COORDINATION MEETING, Lodz, Poland 27<sup>th</sup> 29<sup>th</sup> October 2005
- Training courses on Digital Projection Radiology, Trier, Germany
   11-15 February 2006
- SENTINEL COORDINATION MEETING, Budapest, Hungary 7<sup>th</sup> 8<sup>th</sup> July 2006
- The International Special Topic Conference on Information Technology in Biomedicine ITAB2006 Ioannina Epirus, Greece October 26-28, 2006

- SENTINEL COORDINATION MEETING, Nicosia, Cyprus 16 17 February 2007
- SENTINEL final workshop, Delft, Nederland

18 - 20 April 2007

# TEACHING EXPERIENCE

- University of Athens, School of Medicine: Medical Physics
- University of Athens, School of Dentistry: Medical Physics
- University of Athens, School of Nursery: Medical Physics
- 4 Postgraduate Programs, School of Medicine
- Courses in "Radiation Protection for medical ionizing radiation machine operators" organized by the GAEC and the Laboratory of Medical Physics, Athens University, February and March 2010, Sept 2011

# **TEACHING MATERIAL**

- <a href="http://eclass.uoa.gr/courses/MED209">http://eclass.uoa.gr/courses/MED209</a> Medical Imaging
- <a href="http://eclass.uoa.gr/courses/MED259">http://eclass.uoa.gr/courses/MED259</a> Digital Imaging PACS
- <a href="http://eclass.uoa.gr/courses/MED263">http://eclass.uoa.gr/courses/MED263</a> Lasers in medicine
- <a href="http://eclass.uoa.gr/courses/MED295">http://eclass.uoa.gr/courses/MED295</a> Light, Eye and Vision
- <a href="http://eclass.uoa.gr/courses/MED296">http://eclass.uoa.gr/courses/MED296</a>
   Thermography Cryobiology
- http://emed.med.uoa.gr/eclass/courses/MORF127 Heat
- <a href="http://eclass.uoa.gr/courses/MED300">http://eclass.uoa.gr/courses/MED300</a> Fluid flow in the body
- <a href="http://eclass.uoa.gr/courses/MED319">http://eclass.uoa.gr/courses/MED319</a> Fluoroscopy
- http://emed.med.uoa.gr/eclass/courses/MORF125 errata in the Fluoroscopy chapter

#### Co-author in

- Greek translation of the: "Physics of the Body", by John R. Cameron, James G. Skofronick, Roderick M. Grant, Medical Physics Publishing 1999, Scientific Editions Parisianou S.A., Athens 2001
- "Medical Physics: Diagnostic and Therapeutic Applications of Radiation", <a href="http://www.paschalidis-books.gr">http://www.paschalidis-books.gr</a>, Athens 2008
- Greek translation of the: "Physics of the Human Body", by Irving P. Herman, Springer 2007, <a href="http://www.paschalidis-books.gr">http://www.paschalidis-books.gr</a>, Athens 2009

# **THESIS**

 "Influence of new technology on activities of diagnostic nuclear medicine", Ph.D. Thesis, University of Athens, 1983.

# **INVITED TALKS**

- 1. KOTTOU S. "Application of Laser Technology in Urology". Educational events of the Greek Association of Urology. NIMTS Auditorium, 15-06-2005.
- 2. KOTTOU S. "Radiation Protection of the Patient". Workshop on Radiation Protection. General State Hospital "G. Gennimatas", February 25, 2005.
- KOTTOU S. "Radiation Protection of patients and Interventional Radiology". Workshop of the GAEC and the People's Hospital: Radiation Protection in Interventional Radiology, February 23, 2005.
- 4. KOTTOU S. "Review of Patient Doses in Digital Imaging". II Mediterranean Medical Physics Meeting, Limassol, Cyprus, 28–30 April, 2004.
- 5. KOTTOU S. Staff doses in interventional cardiology and radiology. International Workshop of the European program DIMOND III: "Optimisation of dose and performance in Interventional and Digital Imaging", Leuven, Belgium, March 25-27, 2004.
- 6. KOTTOU S. "Digital Imaging Systems: Radiation protection of staff and patients". Workshop, Onassis Cardiac Surgery Center, Athens, November 22, 2003.
- 7. KOTTOU S. (representing the Greek Union of Physicists in Medicine). "Present Status of Medical Physicists' Education and Training in Greece". Mediterranean Medical Physics Meeting, Agrigento, Sicily, June 28, 2003.
- 8. KOTTOU S. Radiation Protection of Staff in Interventional Cardiology Procedures Dose Constraint Levels in Annual Staff Doses. Educational seminar in the European Research Project DIMOND "Implementation of the Directive MED 97/43 of the European Union in Digital and Interventional Imaging", Athens, June 9, 2003.
- 9. KOTTOU S, MOLFETAS M, PANAGIOTAKIS N, MANETOU A, TSOUROUFLIS G, CHRONOPOULOS P, KARAPANAGIOTOU O, VASSILEVA J, PERRIS A. "Radiographic Criteria and Reference Doses in two hospitals in Athens and two in Bulgaria". Seminar on Dose Constraint Levels and Diagnostic Reference Levels, organized by the Medical Physicists' Association in Greece, Evangelismos Hospital Auditorium. Friday, January 26, 2001.
- 10.KOTTOU S. An Intercomparison of TL Dosimetry Methods. DIMOND workshop on "Dose and Image Quality in Digital Imaging and Interventional Radiology" held in Dublin, Ireland, June 24-26, 1999.