

CURRICULUM VITAE

Konstantinos POTIRIADIS

Date and Place of Birth: 21/11/1963, Athens, Greece
Nationality: Greek

Academic degrees

1981-1986: B.Sc. scholarship in Physics, University of Athens, Greece
1986-1987: M.Sc in Nuclear Physics, Institute of Nuclear Physics, "DEMOCRITOS" National Research Center for Physical Sciences.
1988-1992: Ph.D. in Nuclear Physics on Proton Induced x-ray Emission, University of Athens, Greece.

Professional and Research Experience

1987-1992: TANDEM laboratory, Institute of Nuclear Physics, "DEMOCRITOS" National Research Center for Physical Sciences (research fellowship).
1992-1994: Physics Department, Hellenic Army Research Center, Athens, Greece (Military Service)
1994-1995: Technical University of Crete, Scientific collaborator
1995-1996: Greek Atomic Energy Commission, Scientific collaborator
1996-1999: Greek Atomic Energy Commission, Scientific staff.
1999-2026: Greek Atomic Energy Commission, Head of Department of Environmental Radioactivity

Participation or Coordination in Research and Development Projects (indicative list)

- "Detection of radioactive scrap metal in the entrance of steel factories". (2001-2003, DG XI, European Commission).
- "Inspections in case of radiological or nuclear emergency situations" (Greek-Albanian co-operation 2001-2003, Ministry of Development).
- "Telemetric measurement of environmental radioactivity" (1997-2001 Ministry of Environment).
- "Radiation protection of the public from ionizing radiations" (1997-2001 Ministry of Development).
- "Inspection of environmental radioactivity" (1997-2001, Ministry of Finance, Intereg II).
- "Excellence in Technological Development and Research", "Excellence in Radiation Protection and Nuclear Technology" (2002-2004, Ministry of Development).
- 2003-2005: National Bank of Greece and GAEC, "Radiation protection in the decommissioning process of an old fertilizers industry."
- "Measuring radionuclide intake of workers." (2003-2005, IAEA)
- "Upgrading of the physical protection of radiation installations in Greece." (2003-2005, USA / DoE and GAEC)
- "Cooperation across Europe for Cd(Zn)Te based Security Instruments" (COCAE, FP7-SEC-2007-1, 2008-2012).
- A Sensor Network for the localization and identification of Radiation sources (SENERA, Science for Peace and Security Programme – NATO, 2015-2018).
- Highly Miniaturized ASIC Radiation Detector (European Space Agency - ESA, 2017-2020).
- Comprehensive radiation monitor package for Lunar mission (European Space Agency - ESA, 2021-2023).

Publications

- 92 Publications in refereed international journals (citations: 717, h-index: 14).

ΣΥΝΤΟΜΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ Ποτηριάδης Κωνσταντίνος

Ημερομηνία Γέννησης: 21/11/1963

Εθνικότητα: Ελληνική

Ακαδημαϊκοί τίτλοι

1981-1986: Υποτροφία Πτυχίου στη Φυσική, Πανεπιστήμιο Αθηνών, Ελλάδα

1986-1987: Μεταπτυχιακό Δίπλωμα Ειδίκευσης στην Πυρηνική Φυσική, Ινστιτούτο Πυρηνικής Φυσικής, Εθνικό Κέντρο Ερευνών Φυσικών Επιστημών «ΔΗΜΟΚΡΙΤΟΣ».

1988-1992: Διδακτορικό Δίπλωμα στην Πυρηνική Φυσική με θέμα την Εκπομπή Ακτίνων Χ που Προκαλείται από Πρωτόνια, Πανεπιστήμιο Αθηνών, Ελλάδα.

Επαγγελματική και Ερευνητική Εμπειρία

1987-1992: Εργαστήριο TANDEM, Ινστιτούτο Πυρηνικής Φυσικής, Εθνικό Κέντρο Ερευνών Φυσικών Επιστημών «ΔΗΜΟΚΡΙΤΟΣ» (ερευνητική υποτροφία).

1992-1994: Τμήμα Φυσικής, Κέντρο Ερευνών Στρατού Ξηράς, Αθήνα, Ελλάδα (Στρατιωτική Θητεία)

1994-1995: Πολυτεχνείο Κρήτης, Επιστημονικός Συνεργάτης

1995-1996: Ελληνική Επιτροπή Ατομικής Ενέργειας, Επιστημονικός Συνεργάτης

1996-1999: Ελληνική Επιτροπή Ατομικής Ενέργειας, Επιστημονικό Προσωπικό

1999-2026: Ελληνική Επιτροπή Ατομικής Ενέργειας, Προϊστάμενος Τμήματος Ραδιενέργειας Περιβάλλοντος

Συμμετοχή ή Συντονισμός σε Έργα Έρευνας και Ανάπτυξης (ενδεικτικός κατάλογος)

- “Detection of radioactive scrap metal in the entrance of steel factories”. (2001-2003, DG XI, European Commission).
- “Inspections in case of radiological or nuclear emergency situations” (Greek-Albanian co-operation 2001-2003, Ministry of Development).
- “Telemetric measurement of environmental radioactivity” (1997-2001 Ministry of Environment).
- “Radiation protection of the public from ionizing radiations” (1997-2001 Ministry of Development).
- “Inspection of environmental radioactivity” (1997-2001, Ministry of Finance, Interreg II).
- “Excellence in Technological Development and Research”, “Excellence in Radiation Protection and Nuclear Technology” (2002-2004, Ministry of Development).
- 2003-2005: National Bank of Greece and GAEC, “Radiation protection in the decommissioning process of an old fertilizers industry.”
- “Measuring radionuclide intake of workers.” (2003-2005, IAEA)
- “Upgrading of the physical protection of radiation installations in Greece.” (2003-2005, USA / DoE and GAEC)
- “Cooperation across Europe for Cd(Zn)Te based Security Instruments” (COCAE, FP7-SEC-2007-1, 2008-2012).
- A SENSOR NETWORK for the localization and identification of RADIATION sources (SENERA, Science for Peace and Security Programme – NATO, 2015-2018).
- Highly Miniaturized ASIC Radiation Detector (European Space Agency - ESA, 2017-2020).
- Comprehensive radiation monitor package for Lunar mission (European Space Agency - ESA, 2021-2023).

Δημοσιεύσεις

92 Δημοσιεύσεις σε διεθνή περιοδικά με κριτές (Αναφορές: 717, h-index: 14).