



### Education

- 1982-1986 **PhD in Physics:** Physics Department; Yale University, USA; High Energy Physics “Decisive Test of Cabibbo Theory in  $\Sigma^-$  Semileptonic Decay”.
- 1980-1982 **MPh and MSc in Physics:** Physics Department; Yale University, USA.
- 1975-1980 **BSc in Physics (summa cum laude):** Physics Department; University of Athens, Greece.
- 1969-1975 **Apolytirion (summa cum laude, 19<sup>12/14</sup>):** Lanition Gymnasium, Limassol, Cyprus

### Academic Employment

- 2002-2024 **Professor:** Department of Physics; University of Cyprus.
- 1991-2002 **Associate Professor:** Department of Physics; University of Cyprus.
- 1990-1991 **Research Associate at CERN:** University of Alabama, Tuscaloosa, USA.
- 1986-1990 **Wissenschaftlicher Mitarbeiter:** Swiss Federal Institute of Technology (ETH-Zurich), Switzerland.
- 1986 **Postdoctoral Fellow:** Yale University, Physics Department, USA.

### Research Interests

Experimental High Energy Physics, Astroparticle Physics, Cosmology, Electromagnetic Radiation, Calibration of Detectors, Electronics, Medical Physics, Quantum Physics.

### Research Projects (acting as Principal Investigator, PI or Partner)

- 1999-pres. “High Energy Physics with CMS Experiment at LHC, CERN”, (PI, four different projects for Cyprus)
- 2017-2019 “Highly Miniaturised ASIC Radiation Detector” (Partner)
- 2016-2019 “A Cyclotron Center in Cyprus for Research and Production of Radiopharmaceuticals” (PI)
- 2015-2019 COST Action TD1401: “Fast Advanced Scintillator Timing, FAST” (Partner)
- 2013-2017 “LHC Grid: High Performance Computer Cluster” (PI)
- 2012-2013 “HERMES Network” (PI for Cyprus)
- 2011-2014 “Search for Neutral SM and MSSM Higgs bosons in the decay channel  $H/A/h \rightarrow \tau \tau$ ” (PI)
- 2011-2013 “THALES: development of novel detector instrumentation and techniques” (Partner)
- 2011-2013 “LocMe: Localization of Wireless Mobile Terminals” (Partner)
- 2009-2012 “KM3NeT-PP: Preparatory Phase for the KM3NeT Neutrino Telescope” (Partner)
- 2008-2011 “Search for Light Neutral NMSSM Higgs Bosons” (PI)
- 2008-2011 “Search for light charged Higgs bosons with the  $H^\pm \rightarrow \tau^\pm \nu$  decay in the fully hadronic final state” (PI)
- 2007-2012 “FUTURE-CY: “Fusion Transnational Unit for REsearch in Cyprus” (Partner)
- 2007-2012 “Measurements of the intensity of E/M Fields at the Mobile Telephony Base Stations of CYTA” (PI)
- 2007-2008 “Detection, Recording and Study of the Characteristics of Non-Ionizing E/M Radiation in the Environment”, INTERREG IIIA, Greece-Cyprus (PI for Cyprus)
- 2006-2009 “KM3NeT: A European Deep-Sea Research Infrastructure - Neutrino Telescope” (Partner)
- 2006-2007 “ΕΠΗΣΚ: Study of the Specifications of Data Acquisition Electronic Cards of the CMS ECAL” (PI)
- 2006-2007 “ΑΛΓΗΚ: Development of an Algorithm for Calibration of the dead Crystals of the CMS-ECAL” (PI)
- 2004-2008 “ΕΠΕΦ: Spectrum Monitoring and Control Laboratory” (PI)
- 2004-2005 “ΕΒΗΚ: Calibration and Control of the Very Front Electronic Modules of the CMS ECAL” (PI)
- 2002-2004 “Η/ΑΕΔΙΚ: Comparison of the intensity levels of E/M Fields at the installations of the Electricity Network with simulation results based on Finite Element Analysis” (PI)
- 2001-2003 “ΗΜΠΕΔΙΑ: Charting the intensity levels of E/M Fields in Cyprus, comparison to Safety Limits” (PI)
- 1999-2003 “International Research Program in High Energy Physics at CERN” (PI)
- 1998-1999 “UNESCO Fellowships Bank Scheme” (PI)
- 1995-1998 “High Energy Physics with the L3 and CMS Experiments at CERN” (PI)
- 1993-1996 “Physics in the Framework & Beyond the Standard Model with the L3 Experiment at CERN” (PI)
- 1986-1993 “L3 Experiment at LEP, CERN” (Partner)
- 1982-1986 “E-715 Experiment-Sigma Minus Semileptonic Decay”, Fermi National Accelerator Lab (PhD)

### Scientific Outcome

Served as Principal Investigator/Scientific Coordinator in more than 30 research projects, with 1653 refereed publications, 201,748 citations, h-index 192, 45 TDRs, 42 Technical Notes & 1 international patent. Supervised 10 Postdoctoral Researchers, 16 Research Assistants, 14 PhD students, 13 Master students and more than 60 Final Year Projects. Organized 13 International Conferences, participated in many others, and in Workshops & international meetings. Secured so far for his Cyprus group total funding of more than 5,000,000 Euro.

### Posts held

President of the Governing Board of Cosmos Open University. Served as President of the Rectors Conference of Cyprus (2008-2011), Chairman of the Governing Board of the Open University of Cyprus (2003-2011), Vice President of the Cyprus Council for the Recognition of Higher Education Qualifications (ΚΥΣΑΤΣ, 2003-2006), President of the Cyprus-CERN Committee, Chairman of External Committees for evaluation of universities, Member of the Cyprus Higher Education Council, Chairman of the Department of Physics, Member of the Senate and Faculty Board, Chairman of University Committees (Research, Safety, Health, Buildings), Chairman of several Election/Promotion Committees for the faculty. He currently serves as Scientific Delegate of Cyprus at CERN, Representative of Cyprus in European Committee for Future Accelerators (ECFA), appointed Member of RECFA, invited Member of the European Strategy Group, advisor of the Cyprus Government on Proton Therapy, Member of the Cyprus Space Exploration Organization (CSEO), National Chancellor of Cyprus in the International Association of Educators for World Peace.

### Other information

Served as Ambassador of Cyprus for Fair Play (Council of Europe, 2007-2008), elected member of the Executive Committee of the European University Sports Association (EUSA, 2016-2020), Vice President (since 2009) and from 2023 President of the Cyprus University Sports Federation, member of the National Olympic Academy of Cyprus (1998-2004, 2012-2020) and member of the National Teams of Greece and Cyprus (track & field and volleyball).