

CURRICULUM VITAE

Frixos A. TRIANTIS

PERSONAL DATA: Date and place of Birth: 29/1/1940, Cairo, Egypt
Marital Status: Married, 2 children

LANGUAGES: Greek, English, French, German

EDUCATION: Massachusetts Institute of Technology, U.S.A.
1964 - 1969 (Ph.D. in Physics)

Universität Heidelberg, Germany
1961 - 1964 (Diplom in Physik)

Universität Freiburg i. Br., Germany
1958 - 1961 (Vordiplom in Physik)

EMPLOYMENT: University of Ioannina
Ioannina, Greece
1979 - 2007 (Professor of Physics)

University of Crete
Heraklion, Greece
1978 - 1979 (Visiting Faculty Member)

CERN
Geneva, Switzerland
1973 - 1979 (Research Staff Member)

CEN Saclay
Gif-sur-Yvette, France
1971 - 1973 (Visiting Scientist)

Massachusetts Institute of Technology
Cambridge, Massachusetts, U.S.A.
1969 - 1971 (Member of Physics Research Staff)

PRESENT STATUS: Professor Emeritus
University of Ioannina
Ioannina, Greece

OTHER ACTIVITIES: Founder (2004) and first President (2004 – 2018)
of the Ioannina Sailing Club

RESEARCH AND TECHNOLOGY EXPERIENCE:

1992 – 2007	Member of the CMS Collaboration and the CMS experiment at CERN, Geneva
2007 – present	Member Emeritus of the CMS Collaboration and the CMS experiment at CERN, Geneva

Between 1979 and 2007 I have participated, as the **leader of the Ioannina group**, in very large, **multinational** high energy physics experiments (CMS, CPLEAR, UA5) carried out at the European Laboratory for Particle Physics CERN in Geneva, as well as in large, often multinational, EEC financed research and technology programs (BIOMED_2, ESPRIT, TELEMAT, EPET_II, EPET, PENED). In these research and technology programs my group has been actively involved in physics analysis and in designing, setting-up, testing and monitoring of electronic and optical devices and detectors, using the **most up-to-date techniques in electronics, on-line computing and data evaluation with very large computer systems**.

Between 1967 and 1979 I have participated in similarly large scale, multinational experiments in Switzerland (CERN), France (CEN Saclay), the Soviet Union (IHEP Serpukhov) and the United States (M.I.T.). During the period 1973 to 1978 I was the **Scientific Coordinator of a France-CERN-Soviet Union Collaboration**.

ADMINISTRATIVE EXPERIENCE:

1979 - 2007:	Founder and Director of the Laboratory of High Energy Physics, Physics Department, University of Ioannina.
2002 – 2007	Member of the Finance Board of the CMS experiment at CERN, Geneva
1998 – 1999	Member of the Senate of the University of Ioannina.
1982 - 1987, 1990 – 1995 and 2000 - 2005:	Director of the Division of Atomic, Nuclear and High Energy Physics, Physics Department, University of Ioannina.
1996 – 1999 and 2002 – 2005:	Member of the Research Committee of the University of Ioannina.
1997 - 2007:	Founder and Director of the Program of Graduate Studies in Modern Electronic Technologies.

PUBLICATIONS: **More than 630 scientific publications** in refereed international scientific journals, with more than 42.000 citations. Among these, the publication on the discovery of the Higgs Boson:

Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. By CMS Collaboration (Serguei Chatrchyan et al.). Phys.Lett. B716 (2012) 30-61.