Short CV

Nikolaos MANTHOS

Date and place of birth:	25-5-1956,Platanoussa, Ioannina, Greece.
Marital Status:	Married, 2 children.
Education:	1. Diploma in Physics (1980), University of Ioannina, Physics Department. 2. Ph.D. in Physics (1990), University of Ioannina, Physics Department.
Current Employment:	Associate Professor (2005-today), University of Ioannina, Physics Department.
Research field:	Experimental High Energy Physics.
e-mail	nmanthos@uoi.gr
URL:	https://alpha.physics.uoi.gr/NManthos/

Previous Employment and other affiliations:

1. 1980: Research associate, and consecutively (until 2004): Lecturer and Assistant Professor, University of Ioannina, Physics Department.
2. 1986-1988: Visitor at Fysicum, Stockholm University, Sweden.
3. 1980:today: Unpaid Associate, CERN-EP, Geneva, Switzerland.
4. 1993 and 2007: Corresponding Fellow, CERN-EP, Geneva, Switzerland.

RESEARCH AND TEACHING ACTIVITIES:

Scientific research interests: High Energy physics and applications, having experience in DAQ systems, silicon sensors and electronics for High Energy Physics (HEP) experiments, biomedical and environmental applications etc. Since 1980, participation in the HEP experiments UA5, CPLEAR, DIRAC, CMS at CERN (Geneva, Switzerland). In particular, the research activities include development of particle detection systems based on Si sensors, development of electronics and microelectronics for Si sensors, development of trigger and DAQ systems, event and detector simulation and data analysis.

Participation in EU and National related research projects as coordinator or scientist.

The outcome of the above research activities are more than 500 publications in scientific journals with more than 10000 citations.

The teaching activities and experience include basic physics lectures and labs as well as physics, electronics and informatics related lectures and labs both in undergraduate or graduate level. Since 2005, coordinator of the graduate program “Modern Electronics Technology” of the Physics Department, and supervisor of more than 15 master thesis of the mentioned program.

Finally, activities related with electronic applications in the environment, as well as activities related with the biodiversity conservation. .