

**Evangelos N. Gazis**  
**Particle Physics Professor, NTU-Athens**  
**Year of Birth 1951**

## **Evangelos N. Gazis**

### **Professor of Particle Physics at NTU-Athens**

#### **EDUCATION**

- 1980-1976: PhD, University of Athens, Physics Department, part of the PhD thesis was realized at Demokritos and the University of Paris-Sud XI (Orsay, France)
- 1978-75: Graduate Studies at NRC "Demokritos"
- 1973-1969: Physics BSc, University of Athens, Physics Department

#### **ACADEMIC POSITIONS**

- 2009-1010: Guest Professor, PH-Department, CERN
- 2008-2007: Visiting Professor, Physics Department, University of Lund, Sweden
- Today-1982: Professor of Particle Physics, School of Applied Mathematical & Physical Sciences, Physics Department, NTU-Athens
- Today-2010: Visiting-Collaborator to TEI-Kavalas

#### **RESEARCH ADMINISTRATION POSITIONS**

- National Contact Physicist (NCP) for the ATLAS Greek teams, CLIC, CAST, RD-51 Collaborations, 2006-Today
- Coordinator of the CERN-Greek Working Group, 2007-Today
- Scientific Delegate of Greece to the CERN Council, 2005-2012
- ILO/NTTO-Delegate of Greece to CERN, 2005-2012
- General Secretary of Greek Committee for the Cooperation with CERN, 2005-2010
- Delegate of Greece at IUPAP-C11/C12, 2008-Today
- Member of the CERN-Council WG:
  - ✓ *The Governing of CERN, 2007-2008*
  - ✓ *The Geographical and Scientific Enlargement of the Organization, 2009-2010*
  - ✓ *The Fact-Finding Task Force for the candidate member states (Cyprus, Israel, Serbia, Slovenia, Turkey), 2010*
- Coordinator of the European Network HEPTEch, 2012
- Coordinator for the Greek teams to the FP7 program: AIDA for the future detector development, 2010-today
- Coordinator of the Greek teams to the FP7 program: EDUSAFE for the automatic control system for the background radioactivity measurement, implemented the Augmented Reality (AR), 2012-today

Member of the Organizing Committee of the Particle Physics Summer School at Corfu, 1981-Today

Member of the Organizing Committee of the 4-Seas Conference, for Particle Physics, Astro-Physics and Medical Physics, 1998-Today

Member of the IEEE-NSS-MIC\_CIP Committee, 2003-Today

Referee of the IEEE-NSS-MIC Conference & IEEE Nucl. Transactions, 2003-Today

Participation to the following Collaborations at CERN:

- NA14 and NA14', at SPS, 1980-1988
- DELPHI, at LEP, 1986-2000
- ATLAS, at LHC, 1990- today
- CLIC, new linear accelerator development for electrons-positrons, 2008-today

## **EDUCATIONAL EXPERIENCE**

- Co-author to more than 640 international scientific papers in particle-, nuclear- and astro-physics with more than 23500 citations
- Invited speaker to about 50 international conferences, seminars, universities and research centers
- Author to monographs for the ATLAS Muon Spectrometer (2000) and 11 university lecture notebooks for the NTUA students
- Teaching to under-/post-graduate courses at NTUA (1980-today), Lund Univ. (2007-today)
- 14 PhD's supervision at NTUA
- External Examiner for PhD theses defense at Universities of Athens, Thessaloniki, Ioannina, LMU (Germany), Taragona (Spain) and Lund (Sweden)

## **SYNOPSIS**

*His current research interests focus on :*

- ❖ *The performing measurements of Standard Model processes with  $X_b$ -meson and Higgs boson at the LHC,*
- ❖ *The preparation for searching for new physics and the participation into the micro-megas detector as a possible candidate option for the ATLAS muon spectrometer upgrade during the LHC phase-II period*
- ❖ *The beam instrumentation and DCS development for the CLIC project.*

*In, addition:*

- ❖ *He is working for the development of the proton therapy in Greece and the relative transfer technology from CERN to Greece.*
- ❖ *He participates to the FP7 program CLIMB for the RF-linac for medical applications development.*
- ❖ *He coordinates the High School Teachers, from all the areas of Greece, training at CERN.*
- ❖ *He participates to the HEP outreach program at Greece, giving talks to the high-school students, h-s teachers, university students and the public.*