

Professor Emeritus Evangelos N. Gazis

Professor of Experimental Particle Physics

National Technical University of Athens (NTUA)

Greek National Contact Physicist-NCP for ATLAS

Collaboration, LHC/CERN **2005 - today**

Greek Education NCP at CERN **2005 - 2021**

Honorary Professor of the Hellenic International
University - HIU, Physics Department, Kavala, Greece,
2018 - Today

Director of the Laboratory of the High Energy Physics-
HEP & Related Technology – NTUA, Athens, Greece,
2005-2019

Deputy Director of the University Institute of Accelerating
Systems & Applications-IASA, Athens Greece, **2009-
2021**

Fellow & Reviewer of IEEE Nuclear Science Symposium-
NSS & Medical Imaging Conference-MIC, **1998-Today**

Co-Chair of the International Conference on Nuclear
Applications & Technology, **2017-today**



Transfer Technology & Innovation Advisor on Nuclear, Particle and Astro-Particle Physics Matters for the Institutions:

- NTUA - National Technical University of Athens
- IASA – Institute of Accelerating Systems & Applications
- HIU - Hellenic International University, Physics Department

INTERNATIONAL EXPERT ON:

1. Experimental Nuclear, Particle Physics and Astro-Particle Physics:

Gas-detectors (MDT, Micro-Megas), front-end electronics, DAQ, Control Systems, gas-distribution system & monitoring, DCS, **ATLAS** Collaboration, **1990-today**

2. Accelerating Technology: Proton and Electron Accelerator, FEL, e-Gun, RF-cavity, Solenoids design, thermo-Electromagnetic Analysis, Plasma Acceleration, CLIC Collaboration, **2008-today**

3. Nuclear Applications: Environment, Energy, Advanced Electronics and Materials, Homeland security, Cultural Heritage, **2015-today**

4. Medical Applications: Proton therapy, PET/SPECT imaging, Radioprotection, **2006-today**

5. Education: Nuclear & Particle Physics, Astro-Particle Physics, Accelerating Technology, Radiation Physics and Medical Applications to university students, **1995-today**

6. Technological Education: Innovative projects for technological institute students and the STEM lyceum students, 2005-today

ERASMUS+ Projects:

STEAME: Guidelines for Developing and Implementing STEAME High Schools

November 2019 – October 2021

FACILATE AI: Guidelines for facilitating the learning of Artificial Intelligence (AI) by High School Students, **February 2022 – February 2024**

6. Transfer Technology: Large infrastructure analysis on -cost, -cost/benefit, -SWOT, -risk and - market Analysis plus Transfer Technology to Industry

7. Outreach Expert: to the university and technical lyceum students about the Nuclear, Particle and Astro-physics and mainly the most advanced technological innovations produced at CERN