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Konstantinos Karafasoulis is a member of the Laboratory Special Teaching Staff at the Hellenic Army Academy. He holds a BSc degree in Physics from the Aristotle University of Thessaloniki (1992).

Since 1999, he holds a PhD in High Energy Physics, entitled "Study of the coupling constants universality using the decays $Z^0 \rightarrow ssbar$" from the National Technical University of Athens (NTUA).

He teaches Physics Laboratory at the Hellenic Army Academy since 2004 and since 2010 he holds the position of the Laboratory Special Teaching Staff. He has also taught at the University of Aegean, at the Technological Educational Institute of Athens and at the Technological Educational Institute of Chalkis.

He has worked at the Institute of Nuclear and Particle Physics of NCSR "Demokritos" as a post doctoral research fellow, at the Greek Atomic Energy Commission as a scientific associate and at the "Istituto Nazionale di Fisica Nucleare Sezione di Pisa" as a post doctoral research fellow.

Dr Karafasoulis has co-authored over 150 publications in international, peer-reviewed journals, books and conferences. In addition, he has supervised a large number of undergraduate and Master's theses at the Hellenic Army Academy.

Dr Karafasoulis was awarded a scholarship from the Salatellis Foundation and 2 annual State Foundation awards for his undergraduate studies. During his graduate studies he was awarded a scholarship from the NCSR "Demokritos" for pursuing a PhD. After his PhD he obtained a post-doctoral research fellowship for reseach in the CERN/CMS experiment.

He has been involved in more than 10 European and National funded R&D projects for the simulation and development of radiation detectors, data acquisition systems and novel data analysis techniques (e.g. FP7-COCAE, EPAN, PYTHAGORAS, PENED, ESA-C14240). In addition, he was the coordinator of the NATO funded project "A SEnsor NEtwork for the localization and identification of RAdiation sources, SENERA".

His research interests are in the fields of radiation detector simulation and development, data acquisition systems and data analysis techniques based on classical and artificial intelligence approaches.