

Curriculum Vitae
of
Professor Apostolos Goulas

Current Appointment: Professor, Dept. of Mechanical Engineering
Aristotle University of Thessaloniki, Greece.

Studies

Mechanical Engineering at the National Technical University of Athens,
(Graduated in 1970)
He received a Masters degree (1974) and a PhD degree (1977) in
Turbomachinery, from the Dept of Mechanical Engineering, Imperial College,
University of London, UK.

Work experience

1977 to 1978	Post doctoral research at the Dept of Mechanical Engineering, Imperial College University of London, UK.
1978 to 1985	Senior Lecturer (Tenured post), Dept. of Fluid Engineering, Cranfield Institute of Technology.
1985 to 2014	Professor of the Dept. of Mechanical Engineering and Director of the Laboratory of Fluid Mechanics and Turbomachinery. Aristotle University of Thessaloniki, Greece
2004 to 2010	Chairman of the Board of Directors “Egnatia Odos S.A”, Greece
2005 to date	Member of the IPC, Greek delegate, of the European Space Agency

Past positions

1989-1993	Chairman of the Board of Directors of the “Public Petroleum Corporation Exploration and Exploitation of Hydrocarbons S.A.” Greece
1993-1996	Chairman of the Scientific Council of the Foundation of Research and Technology. Greece

1996-1998	Head of the Dept of Mechanical Engineering, Aristotle University of Thessaloniki, Greece
1998-2003	Scientist responsible for the Creation of the Dept. of Management of Energy Resources, Aristotle University of Thessaloniki and its first Head of the department.
1993-1996	Chairman of the scientific council of FORTH
1997-2001	Project director of four European Union financed projects for the support of the CIS countries dealing mainly with the rules and procedures of Oil and Gas transport to Europe. (Project INOGATE)
1987-2000	Visiting Professor of Tsinghua University of Beijing, China where he taught numerical analysis in Turbomachinery.
1990-2002	Visiting Professor Dept of Mechanical Engineering, Cranfield University.

Since 1978, when he held his first academic appointment, he has supervised more than **30** PhD Thesis both in the UK and Greece and **10** Masters Thesis in the UK.

He has published more than **150** scientific papers in all the major Engineering Journals and has been awarded four international patents, two European and two in the USA.

He has been involved as a consultant with major European Aero-engine manufacturers mainly on flow and/or oil lubrication systems.

Since 1985 and under his leadership the Laboratory of Fluid Mechanics and Turbomachinery has executed several research and development projects co-financed by the European Union and in collaboration with all major European aero engine companies (Rolls Royce Plc, MTU Aero Engines GmbH, SNECMA, AVIO, VOLVO Aero, Turbomeca).

The lab was also responsible for two European projects for the study of transition and the development of high quality data used subsequently for the validation of computer simulation of transition - **Project** duration six years.

For the last **fifteen** years the lab is in the forefront of industrial research and development for the design and construction of heat recovery systems for aero

engines, which is expected to become part of the new environment friendly European Aero Engine.