

CV Dr. Athanasios Stubos

Personal information

First name / Surname **Dr. Athanasios STUBOS**
Address National Center for Scientific Research Demokritos, 15310 Ag. Paraskevi, Attica, Greece
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Nationality Greek
Date of birth 1960
Gender Male

Occupational field

- Fundamental grounding in Chemical engineering, Materials and Processes for Energy Applications with emphasis on Renewable Energy (Hydrogen, Solar); Energy Technologies (Conventional and unconventional Oil & Gas, Natural Gas upgrade); Transport Phenomena in Heterogeneous Systems (Porous Media, Composites); Nanomaterials: Applications and Characterization; Environmental Fluid Dynamics; Environmental Technologies.
- Recent experience in developing and monitoring projects in Materials for energy applications, Oil & Natural Gas Technologies, Renewables and Hydrogen Technologies, Nanotechnologies, Energy efficient buildings, Gas storage and separation processes.

Work experience

Dates 2001 - today
Occupation or position held Institute Director (as of 2013) - Head of Environmental Research Laboratory, NCSR Demokritos, Greece
Main activities and responsibilities Research Director
Name and address of employer National Center for Scientific Research Demokritos, 15310 Ag. Paraskevi, Attica, Greece
Type of sector Nanoporous Materials and Applications; Energy and Environmental Technologies; Hydrogen Technologies

Dates 2010 – 2013
Occupation or position held Center for Renewable Energy Sources and Energy Saving
Main activities and responsibilities Vice President
Name and address of employer CRES, Pikermi, Attica, Greece
Type of sector Renewable Energy Technologies, Alternative Fuels (Hydrogen storage technologies, Integration of RES with energy storage technologies)

Dates 1995 - 2001
Occupation or position held Environmental Research Laboratory, Inst. of Nuclear Technology and Radiation Protection, National Research Center Demokritos
Main activities and responsibilities Senior Researcher
Name and address of employer National Center for Scientific Research Demokritos, 15310 Ag. Paraskevi, Attica, Greece
Type of sector Nanoporous Materials and Applications

Dates 1993 - 1995

Occupation or position held	Institute of Physical Chemistry, National Research Center Demokritos
Main activities and responsibilities	Research Associate
Name and address of employer	National Center for Scientific Research Demokritos, 15310 Ag. Paraskevi, Attica, Greece
Type of business or sector	Externally funded Industrial R&D on simulation of capillary condensation and flow in nanoporous membranes, activated carbon filters, active substance diffusion in the skin.
Dates	1992 - 1995
Occupation or position held	Institute of Mechanics of Materials and Geostrutures SA
Main activities and responsibilities	Researcher - Consultant
Name and address of employer	IMMG SA, Penteli, Attica, Greece
Type of business or sector	R&D projects in collaboration with academic and industrial research groups with emphasis on testing of advanced materials under high temperatures, development of piezo-actuators and safe transmission of pressure.
Dates	1991
Occupation or position held	University of Southern California, Chemical & Petroleum Engineering Dept. (USA)
Main activities and responsibilities	Visiting Research Associate
Name and address of employer	University of Southern California, Los Angeles, USA
Type of sector	R&D in collaboration with oil companies (Texaco, Chevron)
Dates	1990
Occupation or position held	von Karman Institute for Fluid Dynamics, Belgium
Main activities and responsibilities	Post-doctoral Research Fellow
Name and address of employer	von Karman Institute for Fluid Dynamics, Rhode-St-Genese, Belgium
Type of sector	Industrial R&D contracts (BPD, Italy; Glaverbel, Belgium)
Education and training	PhD in Applied Sciences & Fluid Dynamics, von Karman Inst. for Fluid Dynamics - Univ. Libre de Bruxelles, Belgium (1990). MSc on Environmental & Applied Fluid Dynamics, von Karman Institute for Fluid Dynamics (VKI), Belgium (1985). Diploma in Chemical Engineering, National Technical University of Athens, Greece (1984).

Additional information

- Project Coordinator in more than 15 National & International RTD projects
- Invited expert and evaluator of R&D projects and proposals by the European Commission, US Department of Energy, French, Italian, Greek and Cypriot national research authorities
- Invited speaker in numerous academic institutions in Europe and USA
- National Representative at the Joint Undertaking Initiative for Fuel Cells and Hydrogen (European Commission DG Research) (as of 12/2010)
- National Representative at the Advisory Committee for Project Management in Radioactive Waste Management (ACPM) (European Commission DG Transport & Energy)
- Chairman of the Research Committee of NCSR Demokritos
- Member of the Scientific Advisory Board of the Inst. of Nuclear Technology and Radiation Protection (INT-RP) of the National Research Center Demokritos
- Member of the Board of the Von Karman Institute Alumni Association
- More than 180 publications in international refereed journals, 24 chapters in books, more than 200 conference presentations; Citations (excl. self-citations) 4100 (h-index 29) (source: Scopus).
- Supervised several) completed PhD theses, MSc theses, Univ. Diploma Theses