

Date and Place of Birth: 20-09-1980

Athens – Greece

Nationality: Greek

Marital Status: Single

Military Obligations: Fulfilled

Home Address:

11 Larissis str

15351 Pallini

Athens – Greece

Contact Details:

E-mail: konstantinos_kalkanis@yahoo.co.uk

Mobile +30 694 5544654 Greece



ACADEMIC BACKGROUND

2004-2009: Doctor Engineer of the National Technical University of Athens.

The doctoral thesis was carried out at the Sector of Mechanics with the title being: “Technological Improvement on Structural Repairs with Composite Patches.

2002 - 2003: Master of Science in Advanced Manufacturing Technology with Merit (2-1)

1998 - 2002: Bachelor of Engineering in Mechanical Engineering with Second Class Honours Upper Division (2-1)

The bachelor and masters Degrees have been awarded by the Department of Mechanical Engineering, University of Portsmouth.

LANGUAGE SKILLS

Greek Mother tongue
English Fluent

COMPUTER SKILLS

- Microsoft Office
- Ansys (FEA)
- PTC Pro-Engineer (CAD-CAM-FEA)
- CODAS (Control systems)
- Kameleon (Industrial systems simulation)
- Autocad

EMPLOYMENT HISTORY

ENGINEERING

1) "DAMON" Construction company
SUPERVISION OF PUBLIC CONSTRUCTION WORKS

01/04/07 to 31/03/08

2) ATHINA ERGANI CONSTRUCTION COMPANY
SUPERVISION OF PUBLIC CONSTRUCTION WORKS

01/10/08 -31/10/10

3) "TECHNIKI ERGON S.A" Construction company
SUPERVISION OF PUBLIC CONSTRUCTION WORKS

01/11/10 to present

Current capacity of undertaking Public works: 2nd Class (Corresponds to approximately 118.000€ in executed E/M construction from 2012 to 2014).

ACADEMIC

1) Technological Educational Institution of Piraeus. School of Technical Applications, Sector of Civil Technologists.

Sessional Lecturer

Taught Module: Mechanics 2.

01/10/04 - 01/07/09

2) Technological Educational Institution of Piraeus. School of Technical Applications, Sector of Mechanical engineering.

Sessional Lecturer

Taught Module: Mechanics 2.

01/10/10 - 05/02/13

2) Technological Educational Institution of Chalkis. School of Technical Applications, Sector of Mechanical Engineering.

Sessional Lecturer

Taught Module: Mechanical Laboratory.

15/11/06 - 05/07/08

01/10/10 - 05/07/12

RESEARCH

A) TEI ATHENS

AGHIOU SPYRIDONOS EGALEO ATHENS GREECE
12210

1) Preparation of structural repairs, comparison of experimental & numerical results and preparation of publications for subtask 4 of ARCHIMEDES 2 (Scientific director: Dr N. Drivas)

18/10/07 -20/11/07

2) Experimental control of repaired cracked specimens for the programme «IMPACT OF ENVIRONMENTAL FACTORS IN REPAIRS OF NAVAL AND AEROSPACE STRUCTURES WITH COMPOSITE PATCHES. OVERALL FORM OPTIMISATION»

(Scientific director: Dr N. Drivas)

01/09/05-31/12/06

3) Stress analysis of a to be repaired structure and development of finite element models and repair of the composite materials system from which the patch will be manufactured as a task contract. «Repair of metallic structures with the embedding of optic fibres». (Scientific director: Dr P. Vouthounis).

01/02/04-31/08/06

4) Research program of the Sector of infrastructure of TEI Athens.

B) TEI OF IONIAN ISLANDS

56 SIGROU AVENUE ATHENS GREECE 11742

Title: Reinforcement of metallic structures with glass fibres.

1) Contribution to the Program «Development of Institutes for lifelong education(IΔBE) and operation of programs of lifelong education for work packages 1,2,4.

05/07/06-20/12/06

C) NATIONAL TECHNICAL UNIVERSITY OF ATHENS

IROON POLUTECHNIUO 9, POLUTECHNIUOPOLIS ZOGRAFOU, ATHENS
GREECE15780

1) Contribution to the Program «scenario-Development of advanced sensors and novel processes for the achievement of advanced and reliable procedures of patched repairs» in work packages 1.1,2.2,5.4, 5.7, 6.3, 7.4

01/04/08-31/12/08

2) PYTHAGORAS «Bibliographic review of methods, development of adaptive techniques in Finite Elements for the gauge theory. Investigation into change in performance due to cracks and inclusions. Crack propagation. Organizing-management of research program.

01/10/05-30/09/06

3) IRAKLITOS «RESEARCH scholarships with priority to basic research- Development of numerical codes for simulation of resin transfer moulding which contains high strength fibres.

03/10/05-30/04/06

D) Cumulative Table of published Scientific work.

International Conferences - Oral Presentations	9
International Conferences - Poster Presentations	2
International Scientific Journal Publications	11

CERTIFICATES & SEMINARS

- 1) Advanced course in Structural Health Monitoring (SHM).
Organizing Institution: Universidade Technica de Lisboa
Instituto Superior Technico
24-27 November 2008, Lisbon, Portugal.

- 2) " NEW/YOUNG RESEARCHERS SEMINAR 2003 PENED "
MATTERS REGARDING MANAGEMENT OF INNOVATION AND TECHNOLOGY.
Organizing Institution: Technoscope
03/04/08 - 06/06/08, Athens.

Membership of professional institutions/societies

Admission date	Class of membership	Name of Institution
28/06/05	MEMBER	TECHNICAL CHAMBER OF GREECE
ELECTION DATE		
01/01/09-NOW	BOARD Of DIRECTORS ELECTED MEMBER Public Relations	HELLENIC SOCIETY OF NON DESTRUCTIVE TESTING