

Curriculum Vitae

Dimitrios K. Siorikis
Dipl. Mechanical & Aeronautical Engineer

Personal Details

Name/ Surname	Dimitrios/Siorikis
Place of birth	Athens
Nationality	Hellenic
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Education

October 2015- Present

PhD Candidate at Mechanical and Aeronautical Engineering Department of University of Patras at Applied Mechanics Laboratory, in Structural Analysis and Active Materials group.
Research area: Finite Element Models for Impact Simulation and Damage Detection in Composite Structures (Supervisor: D.A. Saravanos).

September 2009- July 2015

Undergraduate studies at Mechanical and Aeronautical Engineering Department of University of Patras (five years curriculum).
Specialization in Applied Mechanics, Technology of Materials and Biomechanics section.

Acquisition of Mechanical and Aeronautical Engineer Diploma (Grade: 7.60 / 10)

Diploma Thesis : “Experimental and Numerical Extraction of Contact Law for Impact Simulation of Composite Structures” (Supervisor: D.A. Saravanos)

June 2009

Graduation from 12th high School of Athens, Greece (Grade 18.1/20)

Languages

Greek	Mother Tongue
English	Very good knowledge (Certificate of Advanced, University of Michigan)
French	Basic knowledge

IT Skills

General Purpose	Microsoft Windows, Origin, Microsoft Office suite (Word, Excel, Powerpoint), Matlab
Drawing software	CATIA, Autocad
FE Programs	ABAQUS, Nastran/Patran
Programming Languages	Fortran, C

Professional & Teaching Experience

October 2015-Present	Research Assistant at Applied Mechanics Lab. in Structural Analysis and Active Materials Group. Mechanical and Aeronautical Engineering Department of University of Patras
February 2015- Present	Teaching assistant of the laboratory exercises of the courses “Introduction to Computer Science” and “Computer Programming” at Mechanical and Aeronautical Engineering Department of University of Patras
July 2013 – August 2013	Trainee Assistant Engineer at Hellenic Petroleum S.A

Participation in Research Projects

June 2014 – February 2016	Wireless Flexsence (Flexible Sensor Cooperation for Structural Health Diagnosis/prognosis)
November 2014 - Present	Fimac (Fast impact cross-analysis for Composite leading edge Structures)

Research Interests

- Composite Structures
- Structural Health Monitoring
- Impact Mechanics
- Structural Mechanics
- Computational Mechanics
- Finite Element Modeling

General Activities

- Basketball
- Travelling
- Football
- Reading