## CURRICULUM VITAE



## Fivos ANDRITSOS

Mechanical Engineer, PhD

fivos.andritsos@gmail.com fivos.andritsos@outlook.com andritsos@hmu.gr

| COMPETENCY AREAS | As per the EC Taxonomy of Functions & Domains    |  |
|------------------|--|--|
|                  | Science & Research                               |  |
|                  | Innovation & Creativity                          |  |
|                  | Climate, Environment & Natural Resources         |  |
|                  | Maritime Affairs (maritime safety & security)    |  |
|                  | Technologies & Engineering in Science & Industry |  |
|                  | Energy Policies & Technologies                   |  |
|                  | Transport  |  |
|                  | Safety, Security & Crisis Management             |  |
|                  | Education & Training                             |  |
|                  | Information & Communication Technologies         |  |
|                  | IT Tools for specific application areas          |  |
|                  |  |  |

| EDUCATION             |  |  |  |
|-----------------------|--|--|--|
| Basic degree          | Mechanical Engineering                                     |  |  |
|                       | Patras University, Engineering School, July 1977           |  |  |
| Post graduate degree  | Doctoral degree (PhD)                                      |  |  |
|                       | Patras University, Engineering School, March 1982          |  |  |
| Post graduate studies | University of Newcastle upon Tyne, Mech. Engineering dept. |  |  |
|                       | October 1979   | – December 1980.   |  |
|                       | Scholarship from the British Council                       |  |  |
| Specialized training  | Management   |  |  |
|                       | Maritime safety & security                                 |  |  |
|                       | Humanitarian de-mining                                     |  |  |
|                       | CAD / CAE  |  |  |
| Languages             | English  | Fluent - C2 level - Cambridge & Michigan Proficiency, high-school education at the American Athens College, 15 months stay in UK |  |
|                       | French   | Fluent - C2 level - Certificate I & II from the French Institute of Athens, Sorbonne I diploma                                   |  |
|                       | Italian  | Fluent - C2 level - located and working in Italy since 1986, courses for 2 years in JRC  |  |
|                       | Greek  | Native language  |  |

## PRESENT OCCUPATION

| Since February 2025         | Guest Senior Researcher  |
|-----------------------------|--|
| Company / organization      | Hellenic Mediterranean University (HMU)<br>Mechanical Engineering Dpt<br>Energy Systems Laboratory   |
| Field of work / application | <ul> <li>71410 Hertaklion, Crete, Greece</li> <li>Energy Security of Crete with emphasis to the floating and underwater infrastructure</li> <li>Set up, implementation and management of research projects / actions.</li> <li>Systems' analysis, functional requirements &amp; specifications.</li> <li>Maritime safety, port security, underwater inspection &amp; intervention systems, marine pollution containment, offshore safety.</li> <li>Robotics, mechatronics, autonomous systems, simulation and testing of robotic systems.</li> </ul>   |
| Since September 2019        | Consultant   |
| Company / organization      | Self employed  |
| Nature of work and          | Technical / Scientific Advisor, Evaluator  |
| responsibilities            | Member of several evaluation / accreditation panels of Greek Universities<br>or University Departments, as assigned by HAHE (Hellenic Authority for<br>Higher Education, ex HQAA) in the frame of the <i>Quality Assurance in the</i><br><i>European Higher Education Area</i> scheme.<br>Principal author of a report on the hydrocarbon deposits and other assets<br>of the Albanian state company ALBPETROL for the FORTEN Risk<br>Management Ltd.<br>Participation in the drafting of research proposals.<br>Collaboration with the Italian company ISTEEP (Sustainable Technologies<br>for Energy production and Environmental Protection). |

| Company / organization      | Commission of the European Communities  |  |  |
|-----------------------------|---|--|--|
|                             | Joint Research Centre   |  |  |
|                             | Directorate E - Space, Security and Migration (former Institute for the   |  |  |
|                             | Protection and Security of the Citizen)   |  |  |
|                             | 21027 Ispra (VA), Italy   |  |  |
| Position held               | Principal Scientific Officer, AD13 since January 2011   |  |  |
|                             | Digital Security unit, 2011 – 2019  |  |  |
|                             | Maritime Affairs unit, 2004 – 2011  |  |  |
|                             | Conceptual Design & General Design sectors, 1986 – 2004   |  |  |
| Nature of work and          | Research, scientific support to the Community policies  |  |  |
| responsibilities            | Support to the conception & implementation of EC policies, mainly in the maritime and transport domains.        |  |  |
|                             | Set up, implementation and management of research projects / actions.   |  |  |
|                             | Participation in Commission task forces.  |  |  |
|                             | Planning, setting up and managing of engineering design laboratories.   |  |  |
| Field of work / application | Systems' analysis, functional requirements, specifications and testing, quality control / assurance procedures. |  |  |

Engineering design analysis and numerical simulation.

Safety & security, emergency management & interventions, search & rescue, identity management and border control. Maritime safety, port security, underwater intervention systems, inspection systems, marine pollution containment, offshore safety, inland water navigation.

Robotics, mechatronics, autonomous systems, simulation and testing of robotic systems.

| PUBLICATIONS                          | Detailed list in annex 1  |  |
|---------------------------------------|---|--|
| In reviewed journals                  | 22 including journals like: Tribology International, Lubrication<br>Technology (ASME), Fusion Engineering & Design (Elsevier), Fusion<br>Technology (ANS), Information & Software Technology (Elsevier) |  |
| In congresses<br>usually after review | 56 mainly in international topical congresses like: International Marine<br>Design Conference, European Wave Energy Conference, International<br>Symposium on Fusion Nuclear Technology                 |  |
| Technical reports                     | 51 mainly reports in the frame of large European research projects  |  |
| Other                                 | 27 including books, EUR publications, contribution in series of the<br>International Atomic Energy Agency (IAEA)  |  |

Results of my projects (mainly DIFIS on underwater pollution containment) have appeared at least twice in EURONEWS (Hightech), in CNN (Connect the World), in national TV broadcasts as well as the Parliament magazine and on numerous articles on the Greek, Italian and French press.

Some of my projects have been mentioned as examples of JRC scientific contribution by the former RTD Commissioner Busquin

| PATENTS                    |  |  |  |
|----------------------------|--|--|--|
|                            | EP 1524186   | Double inverted funnel system for the collection and / or removal of hydrocarbons from ship wrecks, even in great depths (i.e. PRESTIGE) - granted |  |
|                            | EP 2643211   | Under-keel inspection system: system that allows inspecting the hull of a ship while it is underway in a navigation corridor - granted             |  |
|                            | EP 11181618  | Double inverted funnel system adapted for the intervention on deep offshore oil well blow-outs - granted   |  |
|                            | EP 13175822  | Multiple inverted funnel system for separating and collecting methane gas out of marine hydrate deposits - submitted                               |  |
| COMPETITIVE PROJECTS<br>#1 | usually as the overall project technical manager   |  |  |
|                            | Total budget: 19+ M€, from which 4+ M€ only for my team in JRC   |  |  |
| Concluded<br>July 2019     | <b>eIWT</b> : Electronic tools in support of Inland Water Transport, in particular the electronic Service Record Book (eSRB) and Vessel Logbook. Financed entirely by DG MOVE.<br>Two consecutive contracts with DG MOVE for a total of budget of 440 k€ |  |  |
|                            |  |  |  |

|  | just for JRC.  |
|--|--|
| TAPS concluded April 2009<br>TAPS II concluded Jul 2011        | <ul> <li>TAPS &amp; TAPS II -Technological Aspects of Port Security: Administrative Arrangement (AA) with DG TREN.G aimed at the identification of additional regulations (minimum standards, guidelines or best practices) for the implementation of the International Ship &amp; Port Security (ISPS) code and the relevant EC regulations on the EU port facilities.</li> <li>TAPS II is the follow-up AA aiming at the extension of TAPS to the whole port area, including the sea-side part.</li> <li>Total cost: 700 k€ over 3 years, exclusively for the JRC</li> </ul> |
|  |  |
| Concluded<br>April 2012  | <b>ASPIS</b> : Novel surveillance system for surface transport means and public spaces, based on place-and-forget devices that, upon the occurrence of a potentially catastrophic event (explosion, fire), form an ad-hoc network, send an alarm and forward information useful for the management of the emergency.   |
|  | Total cost 3.5 M€ from which 0.85 M€ for the JRC   |
| Concluded<br>November 2009                                     | <b>DIFIS</b> : Novel system for the intervention on ship wrecks to collect and remove any leaking or trapped hydrocarbons, even at great depths (like in the case of PRESTIGE). EC financed project under the Sustainable Surface Transport (SST) line.  |
|  | Total cost: 3.11 M€  |
| ROTIS: concluded<br>2002<br>ROTIS II: concluded<br>August 2008 | <b>ROTIS</b> and <b>ROTIS II</b> : EC financed projects for the development of a ROV based system capable of navigating inside the ballast tanks of modern double-hull vessels to perform all the required inspections, even while navigating.   |
|  | Total cost: 7.6 M€, from which 1 M€ for JRC  |
| Concluded<br>June 2005   | <b>LOCCATEC</b> : EC financed project, under the IST line, for the location of people trapped under the ruins of collapsed buildings.  |
|  | Technical / scientific manager for the whole project.  |
|  | Total cost: 3.25 M€, from which 0.8 M€ for JRC   |
| Concluded<br>2002  | <b>ROBMAR</b> : Thematic network for the Robotics in the Maritime Industries, GROWTH   |
|  | Scientific manager for the whole network   |
|  | Total cost: 300 k€, from which 100 k€ for JRC  |
| Concluded<br>2001  | AIPS - Automation & Integration of Processes in Shipbuilding: State of the<br>Art report for DG Enterprise   |
|  | Total cost: 150 k€, exclusively for JRC  |
| <b>COMPETITIVE PROJECTS</b>                                    | Most of which as responsible for JRC   |
| #2   | Total budget: $50+ M \in$ , from which $2+ M \in$ only for my team in JRC  |
| π <b>∠</b>   |  |
|  | <b>FASTPASS</b> : Security research project on the next generation automated border control, particular focus on the maritime scenario, co-financed by DG HOME, concluded successfully   |
|  | <b>EPCIP-2011 A4:</b> Activity #4 on Identity Management in large Ports, within the 2011 European Programme for Critical Infrastructure Protection (250 k€ for activity #4, financed entirely by DG HOME), concluded successfully  |
|  | SECUR-ED: Large (44 M€) demo project on the security of land mass transport systems, 690 k€ for the JRC, concluded successfully  |
|  | <b>EFFORTS</b> : Integrated project on Effective Port Operations, 200 k€ for the JRC, FP6 SST, concluded successfully  |

|   | ALIVE: Autonomous Underwater Vehicle (AUV) capable of underwater interventions and manipulations, GROWTH, concluded successfully  |
|---|---|
|   | Total cost: 4.5 M€, from which 0.35 <b>M€</b> for JRC   |
|   | PARREHA: Virtual reality system for the rehabilitation of persons suffering from the Parkinson's disease, IST, concluded successfully Total cost: 3.5 M€, from which 0.43 M€ for JRC  |
|   | <b>PIOWC</b> : Optimization of oscillating column wave energy power plants, Pico island power plant, Azores, JOULE, concluded successfully Total cost: 721 k€, from which 148 k€ for JRC  |
|   | <b>ERAMAR</b> : Thematic network for the synergy in R&D activities for the Maritime Industry, GROWTH, concluded successfully  |
|   | <b>FREESUB</b> : Autonomous underwater vehicles (AUV) for underwater interventions, Marie Curie training network,   |
|   | <b>FREESUB.NET</b> : AUV for underwater interventions, Marie Curie training network, continuation of FREESUB, concluded successfully  |
|   | ADVANCES: DG TREN network on quality shipping, concluded successfully   |
|   | <b>IGNITOR</b> : Thermo-mechanical optimization of the central solenoid of the experimental thermonuclear reactor IGNITOR, commissioned by ABB  |
|   | <b>Design analysis of a helicopter planetary gearbox</b> , under contract from AGUSTA-<br>BELL  |
| Institutional<br>Programs   | JRC own funds   |
|   | <b>SURCIT</b> : Surveillance Technologies and the Citizen – smart surveillance systems fulfilling security but also privacy functionalities   |
|   | Maritime Security: Vulnerability of maritime systems, autonomous surveillance & alarm systems, container security   |
|   | Humanitarian de-mining: Design and pilot application of an expert system for mine detection alarm confirmation through multi-sensor data fusion.  |
| In the context of a wider<br>European program                                     | <b>NET</b> & <b>SEAFP</b> - European programs on thermonuclear fusion: Liquid LiPb breeder Blanket design, Safety & Environmental Assessment  |
| In the context of a wider<br>international program (EU,<br>USA, Japan and Russia) | ITER-EDA - International thermonuclear fusion program: Nuclear integration, engineering design analysis, remote handling and maintenance.   |
| In collaboration with US and<br>Swiss partners                                    | <b>Nuclear safety (fission)</b> : Engineering design analysis in support of the simulation of reactor core melt-down (Three Mile Island incident); Low-cycle fatigue of a pressurized water reactor (PWR) pressure vessel; Boiling water reactor (BWR) Lower Head failure experiment. |
|   | High temperature materials: FAFNIR out-of-pile experiment, biaxial creep of tubular specimens   |
| TOPICAL WORKSHOPS   | Which I have organized  |
|   | Impact of Robotics in Maritime Vessel Inspection & Maintenance,<br>October 2002, Ispra, IT  |
|   |   |
|   | Post-Prestige Issues,<br>March 2004, Brussels, BE   |

|                               | New technologies for the support of SAR operations,  |  |
|-------------------------------|--|--|
|                               | June 2005, Athens, GR  |  |
|                               | Technical Aspects of Port Security,  |  |
|                               | March 2009, Ispra, IT  |  |
|                               | Technical Aspects of Port Area Security,   |  |
|                               | March 2011, Ispra, IT  |  |
|                               | <b>Emerging Surveillance Capabilities and Requirements</b><br>July 2011, Ispra, IT   |  |
|                               | <b>Emerging Surveillance Techniques for Crime Prevention &amp; Prosecution</b><br>December 2012, Ispra, IT   |  |
|                               |  |  |
|                               | Electronic tools in support of Inland Water Transport,<br>September 2016, Ispra, IT  |  |
| EXPERT PANELS                 | Panels or committees to which I have participated  |  |
| 1996 - 1997                   | Maritime Task Force,   |  |
|                               | DG Industry, Brussels, representing JRC.   |  |
| 1996 - 2010                   | Personnel selection committees,  |  |
|                               | Participation in numerous EC personnel selection committees on behalf of the administration or the personnel committee.  |  |
|                               | RTD proposal selection committees,   |  |
|                               | Participation in numerous EC or National (Greek) research project selection committees.  |  |
|                               |  |  |
| 2016 - 2019                   | Public Procurement Advisory Group,   |  |
| 2016 - 2019                   | Public Procurement Advisory Group,<br>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).   |  |
| 2016 - 2019<br>2010 - present |  |  |
|                               | Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).   |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> </ul> </li> </ul>   |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Army Academy: December 2019</li> <li>Hellenic Air Force Academy: December 2020</li> </ul> </li> </ul>   |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Product and Systems Design Engineering Dpt, University of the Aegean:</li> </ul> </li> </ul>   |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>Methellenic Naval Academy: December 2020</li> </ul> </li> </ul>   |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>Technical March 2021</li> <li>Technical University of Crete: September 2021</li> <li>Mechanical Engineering Dpt, Hellenic Mediterranean University: February 2023</li> <li>University of Peloponese, Mechanical Engineering Undergraduate</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>University of Crete: September 2021</li> <li>Mechanical Engineering Dpt, Hellenic Mediterranean University: February 2023</li> <li>University of Peloponese, Mechanical Engineering Undergraduate program: May 2023</li> <li>University of Patras, Erasmus Mundus Master in Biomedical Engineering:</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2021</li> <li>Technical University of Crete: September 2021</li> <li>Mechanical Engineering Dpt, Hellenic Mediterranean University: February 2023</li> <li>University of Peloponese, Mechanical Engineering Undergraduate program: May 2023</li> </ul> </li> </ul> |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Air Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>University of Crete: September 2021</li> <li>Mechanical Engineering Dpt, Hellenic Mediterranean University: February 2023</li> <li>University of Peloponese, Mechanical Engineering Undergraduate program: May 2023</li> <li>University of Patras, Erasmus Mundus Master in Biomedical Engineering: July 2023</li> <li>Harokopio University of Athens, PSP on Advances in Computer Science and Information Systems, November 2024</li> </ul> </li> </ul>  |  |
|                               | <ul> <li>Technical expert at numerous EC Public Procurement Advisory Groups (PPAG).</li> <li>HQA evaluation / accreditation panels,</li> <li>Member of the Hellenic Quality Assurance and Accreditation Agency (HQA) panels for the external evaluation / accreditation of Greek Universities: <ul> <li>Mechanical Engineering Dpt, Univ. of Thessaly: December 2010</li> <li>Mechanical Engineering Dpt, Univ. of Patras: March 2012</li> <li>Hellenic Naval Academy: December 2013</li> <li>Hellenic Air Force Academy: April 2015</li> <li>University of Thessaly: September 2019</li> <li>Hellenic Airr Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2020</li> <li>Hellenic Airr Force Academy: December 2020</li> <li>Hellenic Naval Academy: December 2021</li> <li>Mechanical Engineering Dpt, Hellenic Mediterranean University: February 2023</li> <li>University of Peloponese, Mechanical Engineering Undergraduate program: May 2023</li> <li>University of Patras, Erasmus Mundus Master in Biomedical Engineering: July 2023</li> <li>Harokopio University of Athens, PSP on Advances in Computer Science and</li> </ul> </li> </ul>                        |  |

| PAST POSITIONS         | Prior to my position as EC official at JRC  |  |  |
|------------------------|---|--|--|
| August 85 - June 86    | Lecturer  |  |  |
|                        | Patras University, Engineering School   |  |  |
|                        | Mechanical Engineering department   |  |  |
| October 84 - June 86   | Professor   |  |  |
|                        | Technological Educational Establishment (TEI) of Patras, School of Technological Applications |  |  |
| May 84 - August 85     | Engineer  |  |  |
|                        | Quality control, development & production studies   |  |  |
|                        | PIRELLI spa, tyre industry, Patras, GR  |  |  |
| March 83 – February 84 | Engineer – military service   |  |  |
|                        | Quality assurance, control & testing  |  |  |
|                        | Hellenic Defense Ministry, Military Industry Department,                                      |  |  |
|                        | Mixed Section of Quality Assurance, Hellenic Arms Industry (EBO), Aigio,<br>GR                |  |  |
| June 82 - March 83     | Engineer – military service   |  |  |
|                        | Engineering design & planning   |  |  |
|                        | 301 Base Military Factory, Design Department, Athens, GR                                      |  |  |

## PERSONAL INFORMATION

| Name          | Fivos ANDRITSOS             |                   |
|---------------|-----------------------------|-------------------|
| Address       | Via 5 Piante 38/C           | Σωστράτου 28      |
|               | 21026 Gavirate (VA)         | 26442 Πάτρα       |
|               | ITALY                       | ΕΛΛΑΔΑ            |
| Telephone     | (+39) 0332 744495           | (+30) 2610 451509 |
| Mobile        | (+39) 348 1411406           | (+30) 694 6469474 |
| E-mail        | fivos.andritsos@gmail.com   |                   |
|               | fivos.andritsos@outlook.com |                   |
|               | andritsos@hmu.gr            |                   |
| Nationality   | Greek                       |                   |
| Date of birth | May 25, 1954                |                   |