



## **Konstantinos Mountris**

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Date of document: 24/01/2019

**v 1.4.0**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Konstantinos Mountris is an early-career Postdoctoral Research Fellow at the University of Zaragoza. He has an interdisciplinary and solid research experience in biomedical engineering and medical physics, the fields where he pursued his PhD at the University of Western Brittany (FR), and in electro-mechanical modeling and simulation, after having completed a one-year postdoctoral period at the University of Western Brittany (FR) and his current postdoctoral appointment at the University of Zaragoza (ES). Konstantinos Mountris has additionally worked in the areas of image processing, computational geometry and Monte Carlo techniques during research visits and collaborations with different research centers in Spain, Greece, France, and Australia.

Konstantinos Mountris has participated as Collaborator in two national projects, receiving funding from the French National Agency of Research (ANR), and one H2020 MSCA RISE project, receiving funding from the EU. Currently he is participating in the ERC Starting Grant project MODELAGE at the University of Zaragoza (ES) that was awarded to Prof. Dr. Esther Pueyo Paules in 2015. In 2018 he was awarded the Seal-Of-Excellence award from H2020 EU for his project proposal MSCA-IF-GF PROMETHEUS-792711.

Konstantinos Mountris has already authored/co-authored 5 peer-reviewed publications in high-impact journals (3 in Q1 and 1 in Q2 JCR ranking groups), 5 journal abstracts/book chapters and has 8 contributions to conference proceedings. He is a reviewer for 4 different JCR journals and has received 2 "Outstanding Contribution in Reviewing" awards by Elsevier for his reviewing contributions. He has supervised 2 MSc researchers which have pursued PhD studies at the University of Patras (GR) and the University of Rennes 1 (FR) and he has taught the under-graduate level laboratory course "Programming & Algorithms" at the University of Western Brittany (FR).



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

**Peer-reviewed publications:** 5 publications

**Peer-reviewed publications with international participants:** 3 publications

**Number of supervised Msc thesis in the last five years:** 2 supervised MSc thesis

**Participation in research projects and contracts:** 4 participations

**Participation in international competitive projects:** 2 international participations

**Research visits:** 5 international visits

**Competitive fellowships/grants:** 4 awarded grants

**Prizes, mentions and distinctions:** 4 awarded prizes

**Reviewing activity:** Reviewer for 3 JCR journals + 1

**Mentoring:** Active mentor of 100mentors portal against "brain drain" effect



## Konstantinos Mountris

**Surname(s):** Mountris  
**Name:** Konstantinos  
**NIE:** Y6758599V  
**ORCID:** 0000-0003-2946-3044  
**ScopusID:** 57193503239  
**ResearcherID:** L-6344-2017  
**Date of birth:** 23/06/1989  
**Gender:** Male  
**Nationality:** Greece  
**Country of birth:** Greece  
**Aut. region/reg. of birth:** Peloponnisos  
**Contact province:** Zaragoza  
**City of birth:** Patras  
**Contact address:** 140 Calle del Conde de Aranda  
**Rest of contact address:** Principal Izquierda  
**Postcode:** 50003  
**Contact country:** Spain  
**Contact aut. region/reg.:** Aragon  
**Contact city:** Zaragoza  
**Land line phone:** (+34) 876555651  
**Email:** konstantinos.mountris@gmail.com  
**Mobile phone:** (+34) 600077316  
**Personal web page:** https://www.mountris.org

### Current professional situation

**Employing entity:** Universidad de Zaragoza

**Department:** Biomedical Signal Interpretation & Computational Simulation Group, Instituto Universitario de Investigación en Ingeniería de Aragón (I3A)

**Professional category:** Postdoctoral Research Fellow

**Start date:** 01/11/2018

**Type of contract:** Temporary employment contract

**Dedication regime:** Full time

### Previous positions and activities

	Employing entity	Professional category	Start date
	Université de Bretagne Occidentale	Postdoctoral Research Fellow	01/10/2017

**Employing entity:** Université de Bretagne Occidentale

**Type of entity:** University

**Professional category:** Postdoctoral Research Fellow

**Start-End date:** 01/10/2017 - 31/10/2018

**Duration:** 1 year



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

- 1 **University degree:** Higher degree  
**Name of qualification:** Master of Science in Medical Physics  
**Degree awarding entity:** University of Patras, Greece (Universidad de Patras, Grecia) **Type of entity:** University  
**Date of qualification:** 16/07/2014
  
- 2 **University degree:** Higher degree  
**Name of qualification:** Bachelor in Physics  
**Degree awarding entity:** University of Patras, Greece (Universidad de Patras, Grecia) **Type of entity:** University  
**Date of qualification:** 23/07/2012

#### Doctorates

**Doctorate programme:** Ph.D. in Technology for Biology and Health  
**Degree awarding entity:** Université de Bretagne Occidentale, France (Universidad de Bretaña Occidental, Francia) **Type of entity:** University  
**Date of degree:** 05/09/2017

#### Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 **Type of training:** Course  
**Training title:** French Foreign Language  
**Awarding entity:** Université de Bretagne Occidentale **Type of entity:** University  
**End date:** 04/06/2015 **Duration in hours:** 30 hours
  
- 2 **Type of training:** Course  
**Training title:** Intensive Professional English  
**Awarding entity:** Université de Bretagne Occidentale **Type of entity:** University  
**End date:** 29/05/2015 **Duration in hours:** 24 hours
  
- 3 **Type of training:** Course  
**Training title:** Mastering the bibliography references software EndNote  
**Awarding entity:** Univerité de Bretagne Occidental **Type of entity:** University  
**End date:** 12/01/2015 **Duration in hours:** 6 hours



## Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	B2	B2	B2	B2	B2
Spanish	B2	B2	B2	B2	B2
English	C2	C2	C2	C2	C2
Greek, Modern (1453-)	C2	C2	C2	C2	C2

## Teaching experience

### General teaching experience

**Name of the course:** Programming and Algorithms

**University degree:** Licenciado en Ciencias Matemáticas

**Start date:** 01/02/2018

**End date:** 05/04/2018

**End date:** 30/05/2018

**Entity:** Université de Bretagne Occidentale

**Type of entity:** University

**Faculty, institute or centre:** Faculty of Mathematics

### Experience supervising doctoral thesis and/or final year projects

**1 Project title:** Brachytherapy radioactive sources modeling and validation using Monte Carlo Simulation

**Type of project:** Master Thesis

**Entity:** University of Patras, Greece

**Type of entity:** University

**Student:** Dimitris Plahouris

**Obtained qualification:** Master in Medical Physics

**Identify key words:** Physics - Medical physics

**Date of reading:** 11/07/2018

**2 Project title:** GPU-based Monte Carlo Dosimetry: Investigation of biodistribution heterogeneity of Y90 microspheres during radioembolization

**Type of project:** Master Thesis

**Entity:** University of Patras, Greece

**Type of entity:** University

**Student:** Eugenia Milona

**Obtained qualification:** Master in Medical Physics

**Identify key words:** Physics - Medical physics

**Date of reading:** 20/01/2016



## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** MODELAGE (Is your heart aging well? A systems biology approach to characterize cardiac aging from the cell to the body surface)

**Type of project:** Research and development, including transfer **Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Zaragoza **Type of entity:** University

**City of entity:** Zaragoza, Aragon, Spain

**Type of participation:** Team member

**Name of the programme:** H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC)

**Code according to the funding entity:** 638284

**Start-End date:** 01/10/2015 - 30/09/2020 **Duration:** 5 years

**Participating entity/entities:** Universidad de Zaragoza

**Total amount:** 1.498.636 €

**Dedication regime:** Full time
  
- 2** **Name of the project:** ERROR (A pEdiatRic dosimetRy personalized platfORm based on computational anthropomorphic phantom)

**Type of project:** Research and development, including transfer **Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** University of Patras **Type of entity:** University

**City of entity:** Patras, Peloponnisos, Greece

**Funding entity or bodies:** EU Horizon 2020 **Type of entity:** Foundation

**City funding entity:** Belgium

**Type of participation:** Team member

**Name of the programme:** H2020-EU.1.3.3.

**Code according to the funding entity:** 691203

**Start-End date:** 01/01/2016 - 31/12/2019 **Duration:** 3 years

**Total amount:** 432.000 €

**Dedication regime:** Part time

**Applicant's contribution:** GPU Monte Carlo Dosimetry in clinical pediatric brachytherapy protocols LDR/HDR brachytherapy sources modeling for pediatric applications
  
- 3** **Name of the project:** CAPRI (Computer Assisted for Prostate Brachytherapy Intervention)

**Identify key words:** Physics - Medical physics

**Type of project:** Research and development, including transfer **Geographical area:** National

**Degree of contribution:** Researcher



**Entity where project took place:** LaTIM UMR 1101 INSERM  
**Type of entity:** University Centres and Structures and Associated Bodies  
**City of entity:** Brest, Bretagne, France  
**Type of participation:** Team member  
**Name of the programme:** Programme ANR : (DS0412) 2016  
**Code according to the funding entity:** ANR-11-LABX-0004  
**Start-End date:** 01/2015 - 12/2019 **Duration:** 5 years  
**Participating entity/entities:** ICUBE; ISIR; LaTIM UMR 1101 INSERM; TIMC  
**Dedication regime:** Full time

- 4** **Name of the project:** FOCUS (Système de planification et de guidage innovant pour la curiethérapie focale de la prostate)  
**Identify key words:** Physics - Medical physics  
**Type of project:** Research and development, including transfer **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** LaTIM UMR 1101 INSERM **Type of entity:** University Centres and Structures and Associated Bodies  
**City of entity:** Brest, Bretagne, France  
**Type of participation:** Team member  
**Name of the programme:** Programme ANR : (DS0412) 2016  
**Code according to the funding entity:** ANR-16-CE19-0011  
**Start-End date:** 11/2016 - 10/2019 **Duration:** 3 years  
**Participating entity/entities:** CHUB; CHUG/CIC-IT; KOELIS; LaTIM UMR1101 INSERM; TIMC  
**Total amount:** 765.590 €  
**Dedication regime:** Full time

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Julien Bert; Dimitris Visvikis; Konstantinos Mountris. DVH-based Inverse Planning using Monte Carlo Dosimetry for LDR Prostate Brachytherapy. International Journal of Radiation Oncology \* Biology \* Physics. Elsevier, 2018. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S036030161833832X>>.  
**DOI:** <https://doi.org/10.1016/j.ijrobp.2018.09.041>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 3 **Corresponding author:** Yes  
**Impact source:** Journal Citation Reports **Category:** Science Edition - RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING  
**Impact index in year of publication:** 5,554 **Journal in the top 25%:** Yes  
**Position of publication:** 11 **No. of journals in the cat.:** 128  
**Relevant results:** Participants: National | Contribution: Methodology design and implementation, Results generation, Manuscript preparation | Results: Improved treatment planning for permanent prostate brachytherapy, Dose-volume relationship consideration, Efficient Monte Carlo based dosimetry incorporation in treatment planning





- 2** Vincent Jaouen; Julien Bert; Konstantinos Mountris; Nicolas Bousson; Ulrike Schick; Olivier Pradier; Antoine Valeri; Dimitris Visvikis. Prostate Volume Segmentation in TRUS using Hybrid Edge-Bhattacharyya Active Surfaces. IEEE Transactions on Biomedical engineering. IEEE, 2018. Available on-line at: <<https://ieeexplore.ieee.org/abstract/document/8435941>>.

**DOI:** 10.1109/TBME.2018.2865428

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 8

**Corresponding author:** No

**Impact source:** Journal Citation Reports

**Category:** Science Edition - ENGINEERING, BIOMEDICAL

**Impact index in year of publication:** 4,288

**Journal in the top 25%:** Yes

**Position of publication:** 9

**No. of journals in the cat.:** 78

**Relevant results:** Partners: National | Contribution: Data processing, Methodology implementation, Manuscript review | Results: Novel low-contrast image edge detector, Edge-based force derivation, Quasi-automatic segmentation initialization

- 3** George Bourantas; Konstantinos Mountris; Vasilis Loukopoulos; Luc Lavier; Grand Joldes; Adam Wittek; Karol Miller. Strong-form approach to elasticity: hybrid Finite Difference – Meshless Collocation Method (FDMCM). Applied Mathematical Modelling. Elsevier, 2018. Available on-line at: <<https://www.sciencedirect.com/science/article/abs/pii/S0307904X17305796>>.

**DOI:** <https://doi.org/10.1016/j.apm.2017.09.028>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 7

**Corresponding author:** No

**Impact source:** Journal Citation Reports

**Category:** Science Edition - ENGINEERING, MULTIDISCIPLINARY

**Impact index in year of publication:** 2,617

**Journal in the top 25%:** Yes

**Position of publication:** 18

**No. of journals in the cat.:** 86

**Relevant results:** Participants: International Contribution: Methodology design, High-performance methodology implementation, Results generation | Results: Novel meshless method to address linear elasticity problems, Convergence and accuracy analysis in benchmark problems, Application in biomedical engineering

- 4** Konstantinos Mountris; Julien Bert; Jérôme Noailly; Alejandro Rodriguez Aguilera; Antoine Valeri; Olivier Pradier; Ulrike Schick; Emmanuel Promayon; Miguel Angel Gonzalez Ballester; Jocelyne Troccaz; Dimitris Visvikis. Modeling the impact of prostate edema on LDR brachytherapy: a Monte Carlo dosimetry study based on a 3D biphasic finite element biomechanical model. Physics in Medicine and Biology. IOP Publishing, 2017. Available on-line at: <<https://iopscience.iop.org/article/10.1088/1361-6560/aa5d3a/meta>>.

**DOI:** <https://doi.org/10.1088/1361-6560/aa5d3a>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 11

**Corresponding author:** Yes

**Impact source:** Journal Citation Reports

**Category:** Science Edition - ENGINEERING, BIOMEDICAL

**Impact index in year of publication:** 2,742

**Journal in the top 25%:** No

**Position of publication:** 24

**No. of journals in the cat.:** 77

**Relevant results:** Partners: International | Contribution: Methodology design, Methodology implementation, Results generation, Manuscript preparation | Results: Novel biomechanical model for prostate edema simulation, Edema effect on postoperative dosimetry for prostate brachytherapy, Dynamic dosimetry framework

- 5** Panagiotis Papadimitroulas; Theodora Kostou; Konstantinos Chatzipapas; Dimitris Visvikis; Konstantinos Mountris; Vincent Jaouen; Konstantinos Katsanos; Athanasios Diamantopoulos; Dimitris Apostolopoulos; Athanasios Balomenos; Yiannis Kopsinis; George Loudos; Christos Alexakos; Dimitris Karnabatidis; George Kagadis. A review on personalized pediatric dosimetry applications using advanced computational tools. IEEE Transactions on Radiation and Plasma Medical Sciences. IEEE, 2018. Available on-line at: <<https://ieeexplore.ieee.org/document/8494773>>.  
**DOI:** 10.1109/TRPMS.2018.2876562  
**Type of production:** Review **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 15 **Corresponding author:** No  
**Relevant results:** Participants: International | Contribution: Review of state-of-art in pediatric brachytherapy, Manuscript preparation | Results: Imaging, Diagnosis, and Therapy protocols in pediatric radiotherapy

## Works submitted to national or international conferences

- 1** **Title of the work:** Meshless Method for Simulation of Needle Insertion Into Soft Tissues: Preliminary Results  
**Name of the conference:** MICCAI 18 - Computational Biomechanics for Medicine XIII Workshop  
**Type of event:** Workshop  
**Corresponding author:** No  
**City of event:** Granada, Andalusia, Spain  
**Date of event:** 09/2018  
**Organising entity:** MICCAI **Type of entity:** Associations and Groups  
**Type of contribution:** Book chapter  
Adam Wittek; George Bourantas; Grand Joldes; Anton Khau; Konstantinos Mountris; Surya Singh; Karol Miller. "Meshless Method for Simulation of Needle Insertion Into Soft Tissues: Preliminary Results".
- 2** **Title of the work:** Edema adapted treatment plan in LDR prostate brachytherapy: beyond common inverse treatment planning  
**Name of the conference:** ESTRO 37 - Innovation for Value and Access  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 04/2018  
**Organising entity:** ESTRO **Type of entity:** Associations and Groups  
Konstantinos Mountris; Julien Bert; Dimitris Visvikis. "Edema adapted treatment plan in LDR prostate brachytherapy: beyond common inverse treatment planning".
- 3** **Title of the work:** LDR prostate brachytherapy inverse planning including dose- volume relation and tissue heterogeneity  
**Name of the conference:** ESTRO 37 - Innovation for Value and Access  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 04/2018  
**Organising entity:** ESTRO **Type of entity:** Associations and Groups  
Konstantinos Mountris; Julien Bert; Dimitris Visvikis. "LDR prostate brachytherapy inverse planning including dose- volume relation and tissue heterogeneity".



- 4** **Title of the work:** DVH-based optimization of LDR prostate brachytherapy using GPU-accelerated MC dosimetry  
**Name of the conference:** Surgetica 2017  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Strasbourg, Alsace, France  
**Date of event:** 11/2017  
**Organising entity:** French Laboratory of Excellence **Type of entity:** Public Research Body  
Labex-CAMI  
Konstantinos Mountris; Julien Bert; Nicolas Bousson; Antoine Valeri; Ulrike Schick; Dimitris Visvikis.  
"DVH-based optimization of LDR prostate brachytherapy using GPU-accelerated MC dosimetry".
- 5** **Title of the work:** ORACLE: A DVH-based inverse planning system for LDR prostate brachytherapy using MC dosimetry  
**Name of the conference:** International Conference on Monte Carlo Techniques for Medical Applications 2017  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Napoli, Campania, Italy  
**Date of event:** 10/2017  
**Organising entity:** Università di Napoli Federico II **Type of entity:** University  
and INFN Sezione di Napoli, Napoli, Italy  
Konstantinos Mountris; Julien Bert; Nicolas Bousson; Antoine Valeri; Ulrike Schick; Dimitris Visvikis.  
"ORACLE: A DVH-based inverse planning system for LDR prostate brachytherapy using MC dosimetry".
- 6** **Title of the work:** Biomechanical Modeling of prostate brachytherapy-induced edema  
**Name of the conference:** French National Conference CAMI LabEx Days  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Rennes, Bretagne, France  
**Date of event:** 12/2016  
**Organising entity:** French Laboratory of Excellence **Type of entity:** Public Research Body  
Labex-CAMI  
Konstantinos Mountris; Julien Bert; Emmanuel Promayon; Jocelyn Troccaz; Dimitris Visvikis. "Biomechanical Modeling of prostate brachytherapy-induced edema".
- 7** **Title of the work:** Prostate Brachytherapy Optimization Using GPU Accelerated Simulated Annealing and Monte Carlo Dose Simulation  
**Name of the conference:** 2016 IEEE Nuclear Science Symposium and Medical Imaging Conference  
**Type of event:** Conference  
**Corresponding author:** Yes  
**City of event:** Strasbourg, Alsace, France  
**Date of event:** 11/2016  
**Organising entity:** IEEE **Type of entity:** Foundation  
Konstantinos Mountris; Julien Bert; Dimitris Visvikis. "Prostate Brachytherapy Optimization Using GPU Accelerated Simulated Annealing and Monte Carlo Dose Simulation".
- 8** **Title of the work:** Optimization of Image-based Dosimetry in Y90 Radioembolization: a Monte Carlo approach using the GATE simulation toolkit  
**Name of the conference:** 8th European Conference on Medical Physics  
**Type of event:** Conference  
**Corresponding author:** Yes



**City of event:** Athens, Attiki, Greece

**Date of event:** 09/2014

**Organising entity:** Hellenic Association of Medical Physics      **Type of entity:** Associations and Groups

Konstantinos Mountris; Awen Autret; Panagiotis Papadimitroulas; George Loudos; Dimitris Visvikis; George Nikiforidis. "Optimization of Image-based Dosimetry in Y90 Radioembolization: a Monte Carlo approach using the GATE simulation toolkit".

## Other achievements

### Stays in public or private R&D centres

- 1**    **Entity:** BSICoS I3A      **Type of entity:** University Centres and Structures and Associated Bodies

**Faculty, institute or centre:** Universidad de Zaragoza  
**City of entity:** Zaragoza, Aragon, Spain  
**Start-End date:** 01/11/2018 - 30/10/2019      **Duration:** 1 year  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Electro-mechanical cardiac modelling for cardiac arrhythmia investigation
- 2**    **Entity:** LATIM UMR1101 INSERM

**City of entity:** Brest, Bretagne, France  
**Start-End date:** 01/10/2017 - 30/10/2018      **Duration:** 1 year  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Prostate brachytherapy treatment planning & edema biomechanics  
**Relevant results:** 1 Scientific paper publication, 2 Conference presentations
- 3**    **Entity:** BIOEMTEC      **Type of entity:** R&D Centre

**City of entity:** Athens, Attiki, Greece  
**Start-End date:** 15/03/2017 - 05/06/2017      **Duration:** 2 months - 25 days  
**Goals of the stay:** Guest  
**Provable tasks:** GPU Monte Carlo Dosimetry in clinical pediatric brachytherapy protocols  
**Relevant results:** Scientific review publication
- 4**    **Entity:** BIOEMTEC      **Type of entity:** R&D Centre

**City of entity:** Athens, Attiki, Greece  
**Start-End date:** 01/08/2016 - 15/09/2016      **Duration:** 1 month - 15 days  
**Goals of the stay:** Guest  
**Provable tasks:** LDR/HDR brachytherapy sources modeling for pediatric applications  
**Relevant results:** Scientific review publication
- 5**    **Entity:** SIMBIOsys UPF

**City of entity:** Barcelona, Catalonia, Spain  
**Start-End date:** 23/09/2015 - 23/12/2015      **Duration:** 3 months  
**Goals of the stay:** Guest  
**Provable tasks:** Real-time image deformation based on 3D Finite Element mesh deformation  
**Relevant results:** Scientific article publication



## Obtained grants and scholarships

- 1 Name of the grant:** H2020 RISE  
**City awarding entity:**  
**Aims:** Pre-doctoral  
**Awarding entity:** EU **Type of entity:** Public Research Body  
**Amount of the grant:** 12.000 €  
**Conferral date:** 2016 **Duration:** 6 months  
**End date:** 2017  
**Entity where activity was carried out:** BIOEMTEC  
**Faculty, institute or centre:** R&D Center
- 2 Name of the grant:** Mobilité Sortante Doctorants  
**City awarding entity:**  
**Aims:** Pre-doctoral  
**Awarding entity:** Brittany Region, France **Type of entity:** Governmental body  
**Amount of the grant:** 3.000 €  
**Conferral date:** 09/2015 **Duration:** 3 months  
**End date:** 12/2015  
**Entity where activity was carried out:** Université de Bretagne Occidentale  
**Faculty, institute or centre:** Faculty of Medicine
- 3 Name of the grant:** ERASMUS Programme  
**City awarding entity:**  
**Aims:** MSc research mobility  
**Awarding entity:** EU **Type of entity:** Public Research Body  
**Amount of the grant:** 2.000 €  
**Conferral date:** 01/2014 **Duration:** 6 months  
**End date:** 06/2014  
**Entity where activity was carried out:** University of Patras  
**Faculty, institute or centre:** Department of Medicine
- 4 Name of the grant:** Valentin T. Jordanov  
**City awarding entity:**  
**Aims:** Traveling Grant  
**Awarding entity:** IEEE **Type of entity:** Associations and Groups  
**Amount of the grant:** 1.500 €  
**Conferral date:** 11/2016 **Duration:** 7 days

## Scientific societies and professional associations

- 1 Name of the society:** European Society of Biomechanics  
**Identify key words:** Engineering  
**Professional category:** Member  
**Start date:** 2018



- 2** **Name of the society:** IEEE Engineering in Medicine and Biology Society  
**Affiliation entity:** IEEE **Type of entity:** Associations and Groups  
**Identify key words:** Engineering  
**Professional category:** Member  
**Start date:** 2018

### Prizes, mentions and distinctions

- 1** **Description:** Elsevier Certificate for Outstanding Contribution in Reviewing  
**Awarding entity:** Elsevier **Type of entity:** Business  
**Conferral date:** 2018  
**Recognition linked:** Reviewing contribution in the journal "Computer-Aided Design"
- 2** **Description:** Elsevier Certificate for Outstanding Contribution in Reviewing  
**Awarding entity:** Elsevier **Type of entity:** Business  
**Conferral date:** 2018  
**Recognition linked:** Reviewing contribution in the journal "Physica Medica"
- 3** **Description:** Seal of Excellence H2020-MSCA-IF-2017  
**Awarding entity:** EU **Type of entity:** Public Research Body  
**Conferral date:** 2018  
**Recognition linked:** Project proposal MSCA-IF-GF PROMETHEUS-792711
- 4** **Description:** Conference Trainee  
**Awarding entity:** 2016 IEEE NSS/MIC International Conference  
**Conferral date:** 11/2016