

ЛИЧНА ИНФОРМАЦИЯ

ПЕТЯ ГЕОРГИЕВА ГЕОРГИЕВА



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Дата на раждане | **Националност** България, Португалия

ТРУДОВ СТАЖ

2020 – продължава	Доцент , Катедра Електроника Телекомуникации и Информатика, Университет Авейро, Португалия.
2004 – продължава	Изследовател , Лаборатория по Роботика и Интелигентни Системи, Институт по Електроника и Телематика Авейро, Португалия.
2019 – продължава	Сътрудник , Институт по Телекомуникации, Авейро, Португалия.
2003 - 2020	Главен Асистент , Катедра Електроника Телекомуникации и Информатика, Университет Авейро, Португалия.
2019 - 2020	Поканен учен , Carnegie Mellon University (CMU), Силиконовата Долина, САЩ,
2016 - 2016	Поканен учен , Университет Рован, САЩ.
2012 - 2013	Поканен учен , Carnegie Mellon University (CMU), Pittsburgh, САЩ.
Май/2011 – Юли/2011	Поканен учен , University of Arkansas at Little Rock, САЩ.
Февр/2011 - Май/2011	Поканен учен , University of Lancaster, Англия
2001 - 2003	Изследовател , Институт по Системи и Роботика, Университет в Порто, Португалия.
1996 - 2001	Учен , Институт по Управление и Системни Изследвания (ИУСИ), Българска Академия на Науките (БАН), София, България.
1992 - 1995	Асистент , Катедра Състемни и Управление, Технически Университет София, България

ОБРАЗОВАНИЕ И ОБУЧЕНИЕ

2003	Доктор (дтн) , Инженерен Факултет, Университет в Порто, Португалия.
Януари/1992 - Май/1997	Доктор (дтн) , Технически Университет София, България
Септ/1982 - Юли/1987	Магистър Инженер , Факултет Автоматика, Технически Университет София, България
Септ/1984 - Юли/1986	Педагог с техническа професионална правоспособност, Технически Университет София, България

Лични умения и компетенции

МАЙЧИН ЕЗИК Български

Други езици

Английски
Португалски

ЧЕТЕНЕ	РАЗГОВОР	ПИСАНЕ
Отлично	Отлично	Отлично
Отлично	Отлично	Отлично

СОЦИАЛНИ УМЕНИЯ И КОМПЕТЕНЦИИ

Добри комуникационни умения като резултат от дълги години опит като преподавател.

ОРГАНИЗАЦИОННИ УМЕНИЯ И КОМПЕТЕНЦИИ

Добър лидер (работа по настоящем с екип от 5 докторанти и 7 дипломанти)

ТЕХНИЧЕСКИ УМЕНИЯ И КОМПЕТЕНЦИИ

- Работа с различни компютърни конфигурации и езици: Python Tensorflow, Keras, MATLAB/SIMULINK, Fortran
- Софтуер за статистическа обработка на данни: Rapid Miner, WEKA
- Операционни Системи: UNIX, Linux, Windows
- Текст обработка: LATEX, MS WORD, other MS Office products

Свидетелство за управление на МПС

- Категория В

ДОПЪЛНИТЕЛНА ИНФОРМАЦИЯ

Публикации:

ORCID iD : <https://orcid.org/0000-0002-6424-6590>

Професионално Членство:

- IEEE Senior Member SM No:90274630; IEEE Computational Intelligence Society
- International Neural Network Society (INNS) Senior Member No. 3615;
- European Neural Network Society (ENNS), Member No. 2258 (ENNS Executive Committee Member for 2014-2016)
- Portuguese association of pattern recognition (APRP).

Настоящи проекти:

- **2022-2025** Title: OptWire Next-Generation Optical Wireless Communications Enabled by Artificial Intelligence (36 months, 250.000 Euros). Funded by FCT. Ref PTDC/EEI-TEL/2697/2021.
- **2022-2025** Title: DigiAgua Digitizing Aquaculture: from predictive analytics to intelligent photonics platform (36 months, 250.000 Euros). Funded by FCT. Ref. PTDC/EEI-EEE/0415/2021.
- **2021-2024** Title: Odyssey Platform for Automated Sensing in Archaeology. Funded by POCI 2020 ANI. ERA - ARQUEOLOGIA S.A. Total funding 442,737.22€. Coordinating entity ERA - ARQUEOLOGIA, SA. Participating entities: MAIÊUTICA - COOPERATIVA DE ENSINO SUPERIOR, CRL; University of Aveiro.
- **2020-2023** H2020-MSCA-RISE-2020 project 101008280 - DIOR (Deep Intelligent Optical and Radio Communication Networks (8 partners).
- **2020-2023**, AUGMANITY - Augmented Humanity. Project Mobilizador POCI 2020-01-0247-FEDER-046103; R&D partnership between BOSCH TERMOTECNOLOGIA, SA (Project coordinator) and University of Aveiro and other PT universities and Companies (more than 275 participants). Global funding 2.100.000€. Participation in sub-project PPS2 (Big Data and Predictive Analytics for industry 4.0).
- **2020-2022** FreeComm-B5G - Ultra-high-capacity free-space optical communications for beyond 5G. Funded by the Institute of Telecommunications internal project program, Portugal. Collaboration between Optical Communications & Applied Mathematics Groups.
- **2020-2022** SEEBug – Optical sensing for rapid and efficient detection of pathogenic bacteria in bivalves. Portuguese Operational Program MAR 2020.

Минали проекти: с индустрията:

- SENSECOR, PORTUGAL 2020, Call I&D Empresas - COVID-19. Integrated immune - sensorial system for fast and efficient SARS-CoV-2 tests. 2020-2022.
- PORTUGAL 2020 Project ROTATOR-AV, Collaboration protocol between Institute of Telecommunications (IT) and company Infinera. 2019-2021
- NOKIA Corporation, Aveiro, Portugal. Anomaly detection in mobile networks, 2018-2019.
- BIKEEMOTION (<http://www.bikeemotion.com/>), Aveiro, Portugal. Decision support service for bike sharing systems. 2018-2019.
- E-GOI (<https://www.e-goi.pt/>). Marketing automation and publicity company, Porto, Matosinhos, Portugal. Phishing detection, 2017-2018

Награди

- **Най-добра статия**(2020)- 10th. Международна конференция по Интелигентни Системи на IEEE. Заглавие на Статия: Log Files Analysis for Network Intrusion Detection. Andre Brandão, Petia Georgieva.
- **Outstanding Research work** (2017) on Learning to decode human emotions. Annual Journal Research@UA of the University of Aveiro, edition 2017.
- **Най-добра статия** (2012) – 6th Международна конференция по Интелигентни Системи на IEEE. Заглавие на Статия: Brain Machine Interface - IEETA Case Study; Petia Georgieva, Filipe. Silva, N. Figueiredo.

Експерт в международни панели за оценяване на проекти :

- Human Brain Project (HBP), SGA3, Calls for Expression of Interest (CEoIs), Jan. 2021 (4 proposals).
- Call H2020-FETPROACT-EIC-05-2019: FET Proactive: emerging paradigms and communities -“Human-Centric AI”, Jan-Feb, 2020 (5 proposals).
- Call H2020-FETPROACT-2018-1, April-May 2018 (9 proposals)
- Call H2020 - FETOPEN RIA, Cut off 27/9/2017- Vice Chair.
- Call H2020-FETOPEN-1-2016-2017-RIA, June 2016 (6 projects)
- Call H2020 ICT 22 Technologies for Learning and Skills (14 projects)
- Call H2020 -FET Proactive 2016 (11 projects)
- Call H2020-FETOPEN-2014-2015-RIA, November 2015 (11 Projects)
- Call H2020-ICT-20-2015, Technologies for better human learning and teaching, May

Европейска комисия, програма H2020

Европейска комисия, програма FP7

- FP7-ICT Call 6: Objective 8.8 "Brain-Inspired ICT". Consensus Meetings 31/May-4/June 2010; Hearings 17-18/June, 2010 (5 projects).
- FP7-ICT Call 7 Information Society and Media; ICT for inclusion, 2011 (5 projects).
- FP7 ICT Call 9 Objective 9.11 Neuro-Bio-Inspired Systems. Consensus Meetings 4-8 June 2012, Hearings 22/June, 2012 (10 projects).
- FP7 ICT Call 10 Digital Social Platforms, 2013 (5 projects).
- FP7 ICT-2013 Call 9 Objective 9.4 International Cooperation on FET research, 2013 (1 project).
- FP7 ICT Call Future & Emerging Technologies (FET), 2010, 2011, 2013 (30 projects).

Член на комисии за оценка на Европейски проекти

- H2020 Project MOREGRASP "Restoration of upper limb function in individuals with high spinal cord injury by multimodal neuroprostheses for interaction in daily activities", 16/Nov, 2016 Brussels (Midterm review); 17/July, 2018 Heidelberg (Final review).
- H2020 Project MAMEM "Multimedia Authoring and Management using your Eyes and Mind", 16/Sept, 2016 Luxembourg (Midterm review); 3/July 2018, Luxembourg (Final review).
- H2020 COCOHA "Cognitive Control of a Hearing Aid", 27/Sept, 2017 Luxembourg (2nd review); 15/Jan 2019, Luxembourg (Final review).
- STREP Project FP7-ICT-Way – "Wearable Interfaces for Hand Function Recovery", 2/July, 2015, Brussels (Final review).
- STREP Project FP7-ICT-StrokeBack "Telemedicine System empowering stroke patients to fight back", 10/Jan 2013 (1st review); 29/Nov 2013, (2st review); 30/March, 2015 (Final review).
- STREP Project FP7-ICT-MUNDUS "Multimodal Neuroprosthesis for Daily Upper limb Support", 29/March, 2011 (1st review); 28/Feb, 2012 (2nd review).
- STREP Project FP7-ICT-MINDWALKER "Mind Controlled Orthosis and Virtual Reality Training Environment for Walk Empowering", 3/June, 2013 (Final review).
- STREP Project FP7-ICT-ABC "Augmented Brain Neural Cognitive Interface Communication", 20/June, 2012 (1st review).

Член на други международни панели за оценка

- Portugal 2020 – ANI. Call SISTEMA DE INCENTIVOS À INVESTIGAÇÃO E DESENVOLVIMENTO TECNOLÓGICO (SI I&DT), I&D EMPRESARIAL. 2020 (4 projects), 2021 (1 project).
- European Science Foundation (ECF) & FWO - Call for Fundamental Research Projects, June 2020 (1 project).
- TECNIOspring PLUS Program, Talent attraction programme, Government of Catalonia, Spain, 2018-2019 (9 proposals).
- COST – European Cooperation in Science & Technology Open Call Collection OC-2017-1 (1 proposal).
- Research Foundation – Flanders (FWO), Belgium, Fund for Scientific Research (FNRS), Call "Credits and Projects" F.R.S.-FNRS 2017 (1 proposal); Call F.R.S.-FNRS 2019 (2 proposals); Grants & Fellowships Call 2020 of FNRS (2 proposals).
- National Science Foundation (NSF), Call Cognitive Optimization and Prediction EFRI-COPN_MIV, Washington, USA, 16-18 Dec 2007, (20 proposals).
- Natural Sciences and Engineering Research Council of Canada (NSERC), Call CRSNG Demande de subvention à la découverte, 2012 (1 proposal).
- Superior Council of Chilean government research funding agency FONDECYT, National Fund for Scientific & Technological Development, Regular Research Funding Competition, 2008 (4 proposals).
- University Research Board of the American University of Beirut, AUB FEA Research Committee, Lebanon, 2013, (1 proposal).
- Framework Programme for Research, Technological Development and Innovation of the Research Promotion Foundation of Republic of Cyprus DESMI, 2009-2010, (5 proposals)