# CVN CURRÍCULUM VÍTAE NORMALIZADO

**Francisco Jose Casino Cembellin**

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GOBIERNO DE ESPAÑA  MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

## 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.

Fran Casino is a postdoctoral researcher (Ramón y Cajal) in the Department of Computer Engineering and Mathematics at Rovira i Virgili University (URV) (Tarragona, Spain), and in Athena Research Center (Athens, Greece). He received a Ph.D. in Computer Science from URV in 2017 with honours (A cum laude) as well as the best dissertation award.

He has participated in several national and international projects covering different tasks such as proposal writing, coordination, research, development, testing and validation, and dissemination. He has actively participated in European projects such as SAFEHORIZON (GA 101168562), ALUNA (GA 101084929), LAZARUS (GA 101070303), CTC (GA 101036276), HEROES (GA 101021801), LOCARD (GA 832735), YAKSHA (GA 780498), OPERANDO (GA 653704), PRACTICIES (GA 740072), MITIGATE (GA 653212), GAME-ABLING (FP7-SME-2012-1-315032) and national projects such as SIMPATIC (RECERCAIXA 2013-2015), ARES (CONSOLIDER INGENIO 2010), and CO-PRIVACY (TIN2011-27076-C03-0).

He has made various stays in international research centres, conducting research, teaching and project-related activities for more than five years:

-(10/2017- 03/2022) Piraeus University, Greece. Participation in PRACTICIES, MITIGATE, OPERANDO, and YAKSHA projects supported by EU Commission. Other activities include teaching in master courses from 2018 to 2022, research, proposal writing and dissemination tasks.
-(06/2019 – Now) Athena Research Centre, Greece. Participation in LOCARD, HEROES, CTC, ALUNA, LAZARUS and SAFEHORIZON projects supported by the EU Commission under the Horizon 2020 Program, Horizon EU Programme and EU's Internal Security Fund. Other activities include research, dissemination activities, and proposal writing.-(04/2024) Visiting Researcher in Consejo Superior de Investigaciones Cientificas and Universidad Politécnica de Madrid.
-(11/2022) Faculty of Information Technology, Brno University of Technology, Czech Republic.
-(10/2016 - 02/2017) Visiting researcher in the Department of Information Science and Technology, ISCTE-IUL, Lisbon, Portugal.

He is currently participating in the creation of an ISO standard (ISO/IEC JTC1/SC27 WG4), and collaborates with various research centres, and public institutions at the European level, including various Law Enforcement Agencies, Eurojust, and other renowned scientists in his field with whom he has strong scientific collaborations (e.g., Prof. Mauro Conti, Prof. Kim-Kwang Raymond Choo, Prof. Julio Hernandez-Castro). Overall, he has contributed to creating guidelines, standards (e.g., CWA 17865:2022),

and tools with high TRL. He is currently one of the coordinators of the 2024 disinformation campaign forum led by the national security department of Spain.

In the medical context, he has contributed to creating applications to improve the quality of life of a wide scope of users. He contributed to a tool to measure the pain of newborns, the creation of a gaming tool to improve the capacities of people with cerebral palsy (GAME-ABLING project GA 315032), and the creation of a tool to assist users with cognitive impairment and alzheimer (SIMPATIC and ANTICIPATE projects). He also contributed to several publications on wireless characterisation in medical contexts and ambient assisted living, including a route recommender system (https://ieeexplore.ieee.org/abstract/document/8106878) for users with physical impairments. The above states a direct impact on society by contributing to its security, privacy, and healthcare, and enhancing the trust in technology and overall quality of life.

He has contributed to dissemination activities at multiple events and congresses (i.e., he has presented his research or projects on more than 15 occasions in international venues). He has been editor in three journals with impact factor, and contributes as a reviewer in top journals in his field. He is the PI of a proposal under review (EU COST Action), which has ensured the participation of 32 countries. He has supervised one doctoral thesis (Student: Armando Maya-López, Thesis: Contributions to Statistical Disclosure Control: Enhancing Multivariate Microaggregation using Graph Theory, Outcome: Excellent, Link: http://hdl.handle.net/10803/688657), and has other three PhD supervisions ongoing.

His research has an interdisciplinary focus and combines several knowledge areas with disruptive technologies. Some keywords related to his research are pattern recognition, large language models, cognitive security, data management, privacy protection, cybercrime and digital investigations, recommender systems, supply chain, and blockchain. He has authored more than 60 publications in peer-reviewed international conferences and journals. He is Senior Member of the IEEE, and he was listed in the World's Top 2% most influential Scientists of his field by the Stanford University in 2022, 2023 and 2024.

# 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.

**PhD theses advised**: 1
**PhD theses ongoing**: 3

**Scopus Data ( Jan 2025)**
Citations: 3253
Index h: 24

**Google Scholar Data ( June 2025 )**
Citations: 6463
Citations last 5 years: 5945
Index h: 31
Index i10: 51

Index used for publications - Journal citation reports
**Journal publications / with impact factor : 37 / 33**
**Journal publications in the first quartile Q1: 19 ( 11 of them in the first decile )**

**Publications in international conferences: 31**
**Book chapters: 3**

# Francisco Jose Casino Cembellin

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|---|---|
| Surname(s): | **Casino Cembellin** |
| Name: | **Francisco Jose** |
| ORCID: | **0000-0003-4296-2876** |
| ScopusID: | **56022479700** |
| ResearcherID: | **AAB-7833-2021** |
| Contact aut. region/reg.: | **Catalonia** |
| Personal web page: | **https://sites.google.com/view/francasino** |

## Current professional situation

**Employing entity:** Rovira i Virgili University    **Type of entity:** University
**Professional category:** Postdoctoral researcher
**City employing entity:** Tarragona, Catalonia, Spain
**Start date:** 01/12/2024
**Type of contract:** Temporary employment    **Dedication regime:** Full time
contract
**Performed tasks:** Ramón y Cajal RYC2023-044857--I

## Previous positions and activities

| | Employing entity | Professional category | Start date |
|---|---|---|---|
| 1 | Rovira i Virgili University | Postdoctoral Researcher | 01/04/2022 |
| 2 | Athena Research Center | Freelance - Postdoctoral Researcher | 30/06/2019 |
| 3 | University of Piraeus | Freelance - Postdoctoral Researcher | 12/11/2017 |
| 4 | Rovira i Virgili University | Predoctoral Researcher | 09/10/2013 |

**1** **Employing entity:** Rovira i Virgili University    **Type of entity:** University
**Professional category:** Postdoctoral Researcher
**Start-End date:** 01/04/2022 - 30/10/2024    **Duration:** 2 years - 8 months
**Type of contract:** Temporary employment contract
**Performed tasks:** Beatriu de Pinos BP 00035 2020

**2** **Employing entity:** Athena Research Center    **Type of entity:** R&D Centre
**Department:** Athena Research Center
**City employing entity:** Athens, Attiki, Greece
**Professional category:** Freelance - Postdoctoral Researcher
**Start-End date:** 30/06/2019 - 31/03/2022    **Duration:** 2 years - 9 months - 2
days
**Dedication regime:** Full time
**Performed tasks:** Research collaboration and project participation with several research centres such as Rovira i Virgili University, Piraeus University, Athena Research Centre, University of Padua, Brno University, University of Kent and etc. Collaboration with specific researchers in

different topics related to cybersecurity, supply chain, blockchain, and AI models Research collaboration, teaching activities and project participation in H2020 projects LOCARD (Grant Agreement 832735) and PRACTICIES (Grant Agreement no 740072). Development of several software solutions and blockchain-based implementations. Some of them published in GitHub https://github.com/francasino?tab=repositories. Collaboration still ongoing through EU projects such as LAZARUS, HEROES, and ALUNA. Participation in HEROES project.

**3** **Employing entity:** University of Piraeus  **Type of entity:** University
**Department:** University of PIraeus
**City employing entity:** Piraeus, Attiki, Greece
**Professional category:** Freelance - Postdoctoral Researcher
**Start-End date:** 12/11/2017 - 31/03/2022  **Duration:** 4 years - 4 months - 19 days
**Type of contract:** Temporary employment contract
**Dedication regime:** Full time
**Performed tasks:** Teaching activities till early 2022, research collaboration as well as participation in several EU projects such as: MITIGATE (Grant Agreement no 653212). Horizon 2020 Programme. OPERANDO (Grant Agreement no 653704). Horizon 2020 Programme. YAKSHA (Grant Agreement no. 780498). Horizon 2020 Programme.
**Applicability in teaching and/or research:** Taught courses related to information systems, networks and security. Regarding international teaching, he taught on various subjects at the University of Piraeus in Greece between 2018 and 2022. The topics of these subjects were related to security, blockchain technology, software development for mobile devices, and medical informatics, for a total of nine distinct courses over three years.

**4** **Employing entity:** Rovira i Virgili University  **Type of entity:** University
**Professional category:** Predoctoral Researcher
**Start-End date:** 09/10/2013 - 01/10/2017  **Duration:** 3 years - 11 months - 23 days
**Performed tasks:** Research activities, participation in several national (SIMPATIC, ARES, ANTICIPATE, CRISES) and European projects (GAME-ABLING - FP7-SME-2012-1-315032), and teaching activities in 2014, 2015, 2016 and 2017

# Education

## University education

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

**1** **University degree:** Master
**Name of qualification:** Master en seguridad informatica y sistemas inteligentes
**Degree awarding entity:** Universitat Rovira i Virgili    **Type of entity:** University
**Date of qualification:** 02/04/2013

**2** **University degree:** Middle degree
**Name of qualification:** Ingeniero Técnico en Informática de Sistemas
**Degree awarding entity:** Universitat Rovira i Virgili    **Type of entity:** University
**Date of qualification:** 10/02/2010

### Doctorates

**Doctorate programme:** Informática y matemáticas de la seguridad
**Degree awarding entity:** Universitat Rovira i Virgili    **Type of entity:** University
**City degree awarding entity:** Tarragona, Catalonia, Spain
**Date of degree:** 13/10/2017
**European doctorate:** Yes                               **Date of certificate:** 13/10/2017
**Thesis title:** Privacy-preserving crowdsourcing-based recommender systems for e-commerce & health services
**Thesis director:** Agusti Solanas Gomez
**Obtained qualification:** Excelente Cum Laude
**Special doctorate award:** Yes                          **Date of award:** 11/04/2019

## Language skills

| Language | Listening skills | Reading skills | Spoken interaction | Speaking skills | Writing skills |
|----------|------------------|----------------|--------------------|-----------------|----------------|
| English  | C1 | C1 | C1 | C1 | C1 |
| Catalan  | C2 | C2 | C2 | C2 | C2 |
| Spanish  | C2 | C2 | C2 | C2 | C2 |

# Teaching experience

## General teaching experience

**1**    **Name of the course:** COMPUTER FORENSICS
**University degree:** Master Computer Security Engineering and Artificial Intelligence
**Start date:** 2024          **End date:** 2025
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 1,5
**Entity:** Universitat Rovira i Virgili          **Type of entity:** University
**Faculty, institute or centre:** Departamento de Informática y matemáticas

**2**    **Type of teaching:** Official teaching
**Name of the course:** Advanced Cryptographic and Security Technologies (Blockchain technologies)
**Type of programme:** Master's degree
**University degree:** M.Sc. in Cybersecurity and Data Science
**Start date:** 2022          **End date:** 2022
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 1
**Entity:** University of Piraeus          **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**3**    **Type of teaching:** Official teaching
**Name of the course:** Information Security of Public Services and Systems and Blockchain Technologies
**Type of programme:** Master's degree
**University degree:** M.Sc. in Digital Culture, Smart Cities, IoT and Advanced Digital Technologies
**Start date:** 2022          **End date:** 2022
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 2
**Entity:** University of Piraeus          **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**4**    **Type of teaching:** Official teaching
**Name of the course:** Secure Programming
**Type of programme:** Master's degree
**University degree:** M.Sc. in Advanced Informatics and Computing Systems - Software Development and Artificial Intelligence
**Start date:** 2022          **End date:** 2022
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 1
**Entity:** University of Piraeus          **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece

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**Subject language:** English

**5**   **Type of teaching:** Official teaching
**Name of the course:** Information Security of Public Services and Systems and Blockchain Technologies
**Type of programme:** Master's degree
**University degree:** M.Sc. in Digital Culture, Smart Cities, IoT and Advanced Digital Technologies
**Start date:** 2021      **End date:** 2021
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 2
**Entity:** University of Piraeus      **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**6**   **Type of teaching:** Official teaching
**Name of the course:** Information Security
**Type of programme:** Master's degree
**University degree:** Msc Informatics
**Start date:** 2019      **End date:** 2020
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 2,5
**Entity:** University of Piraeus      **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**7**   **Type of teaching:** Official teaching
**Name of the course:** Information Security of Public Services and Systems and Blockchain Technologies
**Type of programme:** Master's degree
**University degree:** M.Sc. in Digital Culture, Smart Cities, IoT and Advanced Digital Technologies
**Start date:** 2019      **End date:** 2020
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 2
**Entity:** University of Piraeus      **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**8**   **Type of teaching:** Official teaching
**Name of the course:** Medical Informatics
**Type of programme:** Master's degree
**University degree:** Msc Informatics
**Start date:** 2019      **End date:** 2020
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 1,5
**Entity:** University of Piraeus      **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

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**9** **Type of teaching:** Official teaching
**Name of the course:** Software Development for Mobile Devices
**Type of programme:** Master's degree
**University degree:** M.Sc. in Advanced Informatics and Computing Systems - Software Development and Artificial Intelligence
**Start date:** 2019                                    **End date:** 2020
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 1,5
**Entity:** University of Piraeus                    **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**10** **Type of teaching:** Official teaching
**Name of the course:** Information Security of Public Services and Systems and Blockchain Technologies
**Type of programme:** Master's degree
**University degree:** M.Sc. in Digital Culture, Smart Cities, IoT and Advanced Digital Technologies
**Start date:** 2018                                    **End date:** 2019
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 2
**Entity:** University of Piraeus                    **Type of entity:** University
**Department:** Department of Informatics
**City of entity:** Piraeus, Attiki, Greece
**Subject language:** English

**11** **Name of the course:** Sistemes d'informació en les organitzacions
**University degree:** Grado en Ingenieria Telemática
**Start date:** 2016                                    **End date:** 2017
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 3
**Entity:** Universitat Rovira i Virgili            **Type of entity:** University
**Faculty, institute or centre:** Departamento de Informática y matemáticas

**12** **Name of the course:** Disseny de Xarxes
**University degree:** Grado en Ingenieria Telemática
**Start date:** 2015                                    **End date:** 2016
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 3
**Entity:** Universitat Rovira i Virgili            **Type of entity:** University
**Faculty, institute or centre:** Departamento de Informática y matemáticas

**13** **Name of the course:** Disseny de Xarxes
**University degree:** Grado en Ingenieria Telemática
**Start date:** 2014                                    **End date:** 2015
**Type of hours/ ECTS credits:** Credits
**Hours/ECTS credits:** 6
**Entity:** Universitat Rovira i Virgili            **Type of entity:** University
**Faculty, institute or centre:** Departamento de Informática y matemáticas

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

**1** **Project title:** Graph Theory applied to Statistical Disclosure Control
**Type of project:** Doctoral thesis
**Entity:** Universitat Rovira i Virgili          **Type of entity:** University
**Student:** Armando Maya Lopez
**Obtained qualification:** Excellent
**Date of reading:** 19/06/2023

**2** **Project title:** (ongoing) Detection and attribution of CaaS and disinformation campaigns
**Type of project:** Doctoral thesis
**Co-director of thesis:** Luis Fernando Lago Fernandez; David Arroyo Guardeño
**Entity:** Universidad Autónoma de Madrid          **Type of entity:** University
**City of entity:** Madrid, Spain
**Student:** Rafael Mata Milla

**3** **Project title:** (ongoing) Risks and Challenges associated with the chain of custody of cryptographic assets in law enforcement operations
**Type of project:** Doctoral thesis
**Co-director of thesis:** Luis Fernando Lago Fernandez; David Arroyo Guardeño
**Entity:** Universidad Autónoma de Madrid          **Type of entity:** University
**City of entity:** Madrid, Spain
**Student:** Jesus Martin Abad

# Healthcare experience

## Projects for planning/improving healthcare

**1** **Name of the project:** ANTICIPATE: Early Detection of Mental Disorders and Depression in the Young through Ubiquitous Technology and Deep Learning of Mobility and Behavioural Patterns
**Entity where project took place:** Universitat Rovira i Virgili          **Type of entity:** University
**Type of call:** Competitive
**Start date:** 01/07/2016          **Duration:** 1 year

**2** **Name of the project:** SIMPATIC: SISTEMA INTEL·LIGENT DE MONITORITZACIO PRIVADA AUTONOMA BASAT EN TECNOLOGIES DE LA INFORMACIO I DE LES COMUNICACIONS.
**Entity where project took place:** Universitat Rovira i Virgili          **Type of entity:** University
**Funding entity:** RECERCAIXA 2012
**Type of call:** Competitive
**Start date:** 01/01/2013          **Duration:** 2 years - 7 months

**3** **Name of the project:** GAME-ABLING:Platform of games for people with cerebral palsy to enhance living adjustment
**Entity where project took place:** Universitat Rovira i Virgili          **Type of entity:** University

**Funding entity:** European Commission FP7-SME
**Type of call:** Competitive
**Start date:** 01/12/2012                                    **Duration:** 3 years

# Scientific and technological experience

## Research and development groups/teams

**1**    **Name of the group:** ASCLEPIUS: Smart Technology for Smart Healthcare
**Aims of the group:** Smart Technology and Smart Healthcare
**Standardised code:** 2021SGR-00111            **Type of collaboration:** Co-authorship of publications
**Affiliation entity:** Universitat Rovira i Virgili        **Type of entity:** University
**Start date:** 2021                                          **Duration:** 4 years

**2**    **Name of the group:** Smart Technologies Research Group
**Aims of the group:** Research leveraged in diverse fields related with the application of novel information technologies, such as health, privacy, IoT, security, etc.
**Name of principal investigator:** Agusti Solanas Gomez
**Type of collaboration:** Co-authorship of publications
**Affiliation entity:** Universitat Rovira i Virgili        **Type of entity:** University
**Start date:** 2014

**3**    **Name of the group:** CRISES
**Aims of the group:** The group interest and its contribution to the socioeconomic environment is centered in the creation of technologies that make compatible three objectives: security for companies, governments and individuals in the information society privacy of the individuals who are users or passive subjects of the information society utility of the underlying informatics systems
**Name of principal investigator:** Josep Domingo Ferrer
**Standardised code:** 2017SGR-705              **Type of collaboration:** Co-authorship of publications
**Affiliation entity:** Universitat Rovira i Virgili        **Type of entity:** University
**Start date:** 2013

## Scientific or technological activities

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

**1**    **Name of the project:** SAFEHORIZON -Innovations in Detecting and Disrupting Crime-as-a-Service Operations
**Degree of contribution:** Researcher
**Entity where project took place:** Athena Research    **Type of entity:** R&D Centre
Center
**City of entity:** Athens, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon Europe
**Code according to the funding entity:** Grant Agreement no. 101168562
**Start-End date:** 09/2024 - 08/2027
**Total amount:** 3.998.925 €

**2** **Name of the project:** LAZARUS - pLatform for Analysis of Resilient and secUre Software
**Degree of contribution:** Researcher
**Entity where project took place:** Athena Research    **Type of entity:** R&D Centre
Center
**City of entity:** Athens, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon Europe
**Code according to the funding entity:** Grant Agreement no. 10107030
**Start-End date:** 09/2022 - 08/2025
**Total amount:** 3.647.440 €

**3** **Name of the project:** ALUNA -Child protection centred strategies to fight against sexual abuse and exploitation
**Degree of contribution:** Researcher
**Entity where project took place:** Athena Research    **Type of entity:** R&D Centre
Center
**City of entity:** Athens, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** European Union's Internal Security Fund
**Code according to the funding entity:** Grant Agreement no. 101084929
**Start-End date:** 06/2023 - 05/2025
**Total amount:** 3.599.886 €

**4** **Name of the project:** HEROES - Novel Strategies to Fight Child Sexual Exploitation and Human Trafficking Crimes and Protect their Victims
**Degree of contribution:** Researcher
**Entity where project took place:** Athena Research    **Type of entity:** R&D Centre
Center
**City of entity:** Athens, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon 2020
**Code according to the funding entity:** Grant Agreement no. 101021801
**Start-End date:** 12/2021 - 11/2024
**Total amount:** 4.999.500 €

**5** **Name of the project:** CTC - Cut the Cord
**Degree of contribution:** Researcher
**Entity where project took place:** Data Centric      **Type of entity:** Business
**City of entity:** Athens, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** ISFP-2020-AG-TERFIN
**Code according to the funding entity:** Grant Agreement no. 101036276
**Start-End date:** 2021 - 2024

**6** **Name of the project:** IOTRAIN RTI2018-095499-B-C32
**Type of project:** Research and development, including transfer
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain

**Type of participation:** Team member
**Name of the programme:** Ministerio de Ciencia e Innovación (MICINN), Agencia Estatal de Investigación (AEI) y Fondo Europeo de Desarrollo Regional (FEDER)
**Start-End date:** 31/12/2018 - 29/09/2022
**Total amount:** 76.109 €

7   **Name of the project:** LOCARD - Lawful evidence cOllecting & Continuity plAtfoRm Development
**Degree of contribution:** Researcher
**Entity where project took place:** Athena Research    **Type of entity:** R&D Centre
Center
**City of entity:** Athens, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon 2020
**Code according to the funding entity:** Grant Agreement no. 832735
**Start-End date:** 01/05/2019 - 30/04/2022
**Total amount:** 6.833.385 €

8   **Name of the project:** Network and Data Science - 2017 SGR 00896
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** AGAUR -Convocatòria d'ajuts per donar suport a les activitats dels grups de recerca (SGR).
**Code according to the funding entity:** 2017 SGR 00896
**Start-End date:** 01/01/2017 - 30/09/2021
**Total amount:** 44.480 €

9   **Name of the project:** YAKSHA - Cybersecurity Awareness and Knowledge Systemic High-level Application
**Degree of contribution:** Researcher
**Entity where project took place:** University of       **Type of entity:** University
Piraeus
**City of entity:** Piraeus, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon 2020
**Code according to the funding entity:** Grant Agreement no. 780498
**Start-End date:** 01/01/2018 - 30/12/2020
**Total amount:** 1.989.599 €

10  **Name of the project:** PRACTICIES - Partnership against violent radicalization in the cities
**Degree of contribution:** Researcher
**Entity where project took place:** University of       **Type of entity:** University
Piraeus
**City of entity:** Piraeus, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon 2020
**Code according to the funding entity:** Grant Agreement 740072
**Start-End date:** 01/05/2017 - 30/04/2020
**Total amount:** 3.378.970 €

**11** **Name of the project:** CRISES: Security and Privacy - 2017PFR-URV-B2-41
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** UNIVERSITAT ROVIRA i VIRGILI
**Code according to the funding entity:** 2017PFR-URV-B2-41
**Start-End date:** 01/01/2018 - 31/12/2019
**Total amount:** 19.107 €

**12** **Name of the project:** OPERANDO - Online Privacy Enforcement, Rights Assurance and Optimization
**Degree of contribution:** Researcher
**Entity where project took place:** University of Piraeus
**City of entity:** Piraeus, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon 2020
**Code according to the funding entity:** Grant Agreement no. 653704
**Start-End date:** 01/05/2015 - 30/04/2018
**Total amount:** 3.746.037 €

**13** **Name of the project:** MITIGATE- Multidimensional, integrated, risk assessment framework and dynamic,collaborative Risk Management tools for critical information infrastructures
**Degree of contribution:** Researcher
**Entity where project took place:** University of **Type of entity:** University
Piraeus
**City of entity:** Piraeus, Attiki, Greece
**Type of participation:** Team member
**Name of the programme:** Horizon 2020
**Code according to the funding entity:** Grant agreement ID: 653212
**Start-End date:** 01/09/2015 - 28/02/2018
**Total amount:** 3.109.794 €

**14** **Name of the project:** CRISES: Security and Privacy - 2016PFR-URV-B2-30
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** UNIVERSITAT ROVIRA i VIRGILI
**Code according to the funding entity:** 2016PFR-URV-B2-30
**Start-End date:** 01/01/2017 - 31/12/2017
**Total amount:** 26.232 €

**15** **Name of the project:** CRISES: Security and Privacy - 2015PFR-URV-B2-30
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** UNIVERSITAT ROVIRA i VIRGILI

**Code according to the funding entity:** 2015PFR-URV-B2-30
**Start-End date:** 01/01/2015 - 31/12/2017
**Total amount:** 23.178 €

16 **Name of the project:** ANTICIPATE: Early Detection of Mental Disorders and Depression in the Young through Ubiquitous Technology and Deep Learning of Mobility and Behavioural Patterns
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** UNIVERSITAT ROVIRA i VIRGILI
**Code according to the funding entity:** 2016EXIT-07
**Start-End date:** 01/07/2016 - 01/07/2017
**Total amount:** 6.395 €

17 **Name of the project:** CRISES: Security and Privacy - 2014 SGR 537
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** AGAUR -Convocatòria d'ajuts per donar suport a les activitats dels grups de recerca (SGR).
**Code according to the funding entity:** 2014 SGR 537
**Start-End date:** 01/01/2014 - 30/04/2017
**Total amount:** 50.000 €

18 **Name of the project:** CRISES: Security and Privacy - 2014PFR-URV-B2-30
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** UNIVERSITAT ROVIRA i VIRGILI
**Code according to the funding entity:** 2014PFR-URV-B2-30
**Start-End date:** 01/01/2014 - 31/12/2016
**Total amount:** 17.724 €

19 **Name of the project:** GAME-ABLING:Platform of games for people with cerebral palsy to enhance livingadjustment
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Funding entity or bodies:**
European Commission FP7-SME                    **Type of entity:** European Commission

**Type of participation:** Team member
**Name of the programme:** FP7-SME
**Code according to the funding entity:** Grant agreement ID: 315032
**Start-End date:** 01/12/2012 - 31/12/2015

**Total amount:** 1.136.995 €

**20** **Name of the project:** SIMPATIC: SISTEMA INTEL·LIGENT DE MONITORITZACIO PRIVADA AUTONOMA BASAT EN TECNOLOGIES DE LA INFORMACIO I DE LES COMUNICACIONS.
**Type of project:** Research and development, including transfer
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** RECERCAIXA 2012
**Start-End date:** 01/01/2013 - 31/07/2015
**Total amount:** 74.446 €

**21** **Name of the project:** ARES:Team for Advanced REsearch on information Security and privacy
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** CONSOLIDER-INGENIO 2010, Ministerio de Educación y Ciencia
**Code according to the funding entity:** CSD2007-00004
**Start-End date:** 01/10/2007 - 09/09/2014
**Total amount:** 1.260.203 €

**22** **Name of the project:** CONDOR PID2021-127409OB-C33
**Type of project:** Research and development, including transfer
**Degree of contribution:** Researcher
**Entity where project took place:** Universitat Rovira i **Type of entity:** University
Virgili
**City of entity:** Tarragona, Catalonia, Spain
**Type of participation:** Team member
**Name of the programme:** Ministerio de Ciencia e Innovación (MICINN), Agencia Estatal de Investigación (AEI) y Fondo Europeo de Desarrollo Regional (FEDER)
**Start date:** 01/09/2022

## R&D non-competitive contracts, agreements or projects with public or private entities

**1** **Name of the project:** MONITOR THE ACTIVITIES AND SPECIFIC DELIVERABLES OF THE LAZARUS PROJECT AND ASSESS THEIR IMPACT IN TERMS OF PRIVACY, LEGAL AND ETHICS 2024
**Degree of contribution:** Coordinator of total project, network or consortium
**Name principal investigator (PI, Co-PI....):** Francisco Jose Casino Cembellin
**Nº of researchers:** 1
**Participating entity/entities:** Athena Research Center; Universitat Rovira i Virgili
**Start date:** 01/02/2024                    **Duration:** 11 months
**Total amount:** 25.080 €

**2** **Name of the project:** FURV: 8336 - MONITOR THE ACTIVITIES AND SPECIFIC DELIVERABLES OF THE LAZARUS PROJECT AND ASSESS THEIR IMPACT IN TERMS OF PRIVACY, LEGAL AND ETHICS
**Degree of contribution:** Coordinator of total project, network or consortium
**Name principal investigator (PI, Co-PI....):** Francisco Jose Casino Cembellin

**Nº of researchers:** 1
**Participating entity/entities:** Athena Research Center; Universitat Rovira i Virgili
**Start date:** 23/02/2023      **Duration:** 10 months
**Total amount:** 24.966 €

**3**    **Name of the project:** PARTICIPATION IN EU PROJECTS (GA 832735)
**Degree of contribution:** Researcher
**Name principal investigator (PI, Co-PI....):** Francisco Jose Casino Cembellin
**Nº of researchers:** 1
**Participating entity/entities:** Athena Research Center; Universitat Rovira i Virgili
**Start date:** 30/06/2019      **Duration:** 2 years - 9 months - 2 days
**Total amount:** 81.000 €

**4**    **Name of the project:** PARTICIPATION IN SEVERAL EU PROJECTS (GA 653704, 780498, 740072, 653212)
**Degree of contribution:** Researcher
**Nº of researchers:** 1
**Participating entity/entities:** Universitat Rovira i Virgili; University of Piraeus
**Start date:** 13/11/2017      **Duration:** 1 year - 7 months - 16 days
**Total amount:** 61.000 €

# Scientific and technological activities

## Scientific production

### Publications, scientific and technical documents

**1**    Fran Casino. Unveiling the multifaceted concept of cognitive security: Trends, perspectives, and future challenges. Technology in society. 83, Elsevier, 2025. Available on-line at: <https://doi.org/10.1016/j.techsoc.2025.102956>.
**Type of production:** Scientific paper      **Format:** Journal
**Total no. authors:** 1      **Corresponding author:** Yes

**Impact source:** ISI      **Category:** cs
**Impact index in year of publication:** 10.1      **Journal in the top 25%:** Yes

**Relevant publication:** Yes

**2**    Vasilis Vouvoutsis; Fran Casino; Constantinos Patsakis. Beyond the sandbox: Leveraging symbolic execution for evasive malware classification. Computers & Security. 149, pp. 104193 - 104193. Elsevier, 2025.
**Type of production:** Scientific paper      **Format:** Journal
**Impact source:** ISI      **Category:** CS
**Impact index in year of publication:** 4.8      **Journal in the top 25%:** No

**3**    Fran Casino; Peio Lopez-Iturri; Constantinos Patsakis. Cloud continuum testbeds and next-generation ICTs: Trends, challenges, and perspectives. Computer Science Review. 56, pp. 100696 - 100696. Elsevier, 2025.
**Type of production:** Scientific paper      **Format:** Journal
**Impact source:** ISI      **Category:** cs
**Impact index in year of publication:** 13.3      **Journal in the top 25%:** Yes

**4** Fran Casino; Darren Hurley-Smith; Julio Hernandez-Castro; Constantinos Patsakis. Not on my watch: ransomware detection through classification of high-entropy file segments. Journal of Cybersecurity. 56, pp. tyaf009. Oxford University Press, 2025.

**Type of production:** Scientific paper     **Format:** Journal

**Total no. authors:** 4     **Corresponding author:** Yes

**Impact source:** ISI     **Category:** interdisciplinary

**Impact index in year of publication:** 3.2    **Journal in the top 25%:** Yes


**5** Yuejun Guo; Seifeddine Bettaieb; Fran Casino. A comprehensive analysis on software vulnerability detection datasets: trends, challenges, and road ahead. International Journal of Information Security. 23 - 5, pp. 3311 - 3327. Springer, 2024.

**Type of production:** Scientific paper     **Format:** Journal

**Impact source:** ISI     **Category:** CS

**Impact index in year of publication:** 2.4    **Journal in the top 25%:** No


**6** Constantinos Patsakis; Fran Casino; Nikolaos Lykousas. Assessing LLMs in malicious code deobfuscation of real-world malware campaigns. Expert Systems with Applications. 256, pp. 124912 - 124912. 2024. Available on-line at: <https://www.sciencedirect.com/science/article/pii/S0957417424017792>. ISSN 0957-4174

**Type of production:** Scientific paper     **Format:** Journal

**Impact source:** ISI     **Category:** CS

**Impact index in year of publication:** 7.5    **Journal in the top 25%:** Yes


**7** Fran Casino; Nikolaos Totosis; Theodoros Apostolopoulos; Nikolaos Lykousas; Constantinos Patsakis. Analysis and Correlation of Visual Evidence in Campaigns of Malicious Office Documents. Digital Threats. Association for Computing Machinery, 08/2023. Available on-line at: <https://doi.org/10.1145/3513025>. ISSN 2692-1626

**Type of production:** Scientific paper     **Format:** Journal


**8** Armando Maya-L{\'o}pez; Antoni Mart{\'\i}nez-Ballest{\'e}; Fran Casino. A compression strategy for an efficient TSP-based microaggregation. Expert Systems with Applications. pp. 118980 - 118980. Elsevier, 2023.

**Type of production:** Scientific paper     **Format:** Journal

**Impact source:** ISI     **Category:** CS

**Impact index in year of publication:** 8.5    **Journal in the top 25%:** Yes


**9** Thomas K. Dasaklis; Theodore G. Voutsinas; Giannis T. Tsoulfas; Fran Casino. A Systematic Literature Review of Blockchain-Enabled Supply Chain Traceability Implementations. Sustainability. 14 - 4, 2022. Available on-line at: <https://www.mdpi.com/2071-1050/14/4/2439>. ISSN 2071-1050

**Type of production:** Scientific paper     **Format:** Journal

**Impact source:** ISI     **Category:** Q2 - CS

**Impact index in year of publication:** 3.9


**10** Koutsokostas, Vasilios; Lykousas, Nikolaos; Apostolopoulos, Theodoros; Orazi Gabriele; ,Ghosal Amrita; Fran Casino; Conti, Mauro; Constantinos Patsakis. Invoice #31415 attached: Automated analysis of malicious Microsoft Office documents. Computers & Security. 114, pp. 102582. 2022.

**Type of production:** Scientific paper     **Format:** Journal

**Corresponding author:** No

**Impact source:** ISI     **Category:** Q2- CS

**Impact index in year of publication:** 5.6

**11** Vasilis Vouvoutsis; Fran Casino; Constantinos Patsakis. On the effectiveness of binary emulation in malware classification. Journal of Information Security and Applications. 68, pp. 103258 - 103258. 2022. Available on-line at: <https://www.sciencedirect.com/science/article/pii/S2214212622001223>. ISSN 2214-2126

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|
| **Impact source:** ISI | **Category:** Q2 - CS |
| **Impact index in year of publication:** 5.6 | |

**12** Fran Casino; Thomas K. Dasaklis; Georgios P. Spathoulas; Marios Anagnostopoulos; Amrita Ghosal; István Bőrőcz; Agusti Solanas; Mauro Conti; Constantinos Patsakis. Research Trends, Challenges, and Emerging Topics in Digital Forensics: A Review of Reviews. IEEE Access. 10, pp. 25464 - 25493. 2022.

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|
| **Impact source:** ISI | **Category:** Q2- CS |
| **Impact index in year of publication:** 3.9 | |

**13** Fran Casino; Claudia Pina; Pablo L{\'o}pez-Aguilar; Edgar Batista; Agusti Solanas; Constantinos Patsakis. SoK: cross-border criminal investigations and digital evidence. Journal of Cybersecurity. 8 - 1, pp. tyac014 - tyac014. Oxford University Press, 2022.

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|
| **Impact source:** ISI | **Category:** SS - LAW |
| **Impact index in year of publication:** 2.3 | **Journal in the top 25%:** Yes |

**14** Lamprini Zarpala; Fran Casino. A blockchain-based forensic model for financial crime investigation: the embezzlement scenario. Digital Finance. 3 - 3, pp. 301 - 332. Springer, 2021.

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|

**15** E. Politou; F. Casino; E. Alepis; C. Patsakis. Blockchain Mutability: Challenges and Proposed Solutions. IEEE Transactions on Emerging Topics in Computing. pp. 1 - 1. 2021.

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|
| **Impact source:** ISI | **Category:** CS |
| **Impact index in year of publication:** | **Journal in the top 25%:** Yes |

**16** Fran Casino; Venetis Kanakaris; Thomas K. Dasaklis; Socrates Moschuris; Spiros Stachtiaris; Maria Pagoni; Nikolaos P. Rachaniotis. Blockchain-based food supply chain traceability: a case study in the dairy sector. International Journal of Production Research. 0 - 0, pp. 1 - 13. Taylor & Francis, 2021.

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|
| **Impact source:** ISI | **Category:** CS |
| **Impact index in year of publication:** 9.018 | **Journal in the top 25%:** Yes |

**17** Simon Joseph Aquilina; Fran Casino; Mark Vella; Joshua Ellul; Constantinos Patsakis. EtherClue: Digital investigation of attacks on Ethereum smart contracts. Blockchain: Research and Applications. 2 - 4, pp. 100028 - 100028. 2021. Available on-line at: <https://www.sciencedirect.com/science/article/pii/S2096720921000233>. ISSN 2096-7209

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|

**18** Constantinos Patsakis; Fran Casino. Exploiting Statistical and Structural Features for the Detection of Domain Generation Algorithms. Journal of Information Security and Applications. 2021.

| **Type of production:** Scientific paper | **Format:** Journal |
|---|---|
| **Impact source:** ISI | **Category:** Q2- CS |
| **Impact index in year of publication:** 4.960 | |

**19** Armando Maya-López; Fran Casino; Agusti Solanas. Improving Multivariate Microaggregation through Hamiltonian Paths and Optimal Univariate Microaggregation. Symmetry. 13 - 6, 2021. Available on-line at: <https://www.mdpi.com/2073-8994/13/6/916>. ISSN 2073-8994

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** Q2 - CS

**Impact index in year of publication:** 2.940

**20** Fran Casino; Nikolaos Lykousas; Ivan Homoliak; Constantinos Patsakis; Julio Hernandez-Castro. Intercepting Hail Hydra: Real-time detection of Algorithmically Generated Domains. Journal of Network and Computer Applications. pp. 103135 - 103135. 2021. Available on-line at: <https://www.sciencedirect.com/science/article/pii/S1084804521001545>. ISSN 1084-8045

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:** 7.574      **Journal in the top 25%:** Yes

**21** Fran Casino; Nikolaos Lykousas; Vasilios Katos; Constantinos Patsakis. Unearthing malicious campaigns and actors from the blockchain DNS ecosystem. Computer Communications. 179, pp. 217 - 230. 2021. Available on-line at: <https://www.sciencedirect.com/science/article/pii/S0140366421003236>. ISSN 0140-3664

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:** 5.047      **Journal in the top 25%:** Yes

**22** A. Zigomitros; F. Casino; A. Solanas; C. Patsakis. A Survey on Privacy Properties for Data Publishing of Relational Data. IEEE Access. 8, pp. 51071 - 51099. 2020. ISSN 2169-3536

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI

**Impact index in year of publication:** 3.367

**23** F. Casino; C. Patsakis. An Efficient Blockchain-Based Privacy-Preserving Collaborative Filtering Architecture. IEEE Transactions on Engineering Management. pp. 1 - 13. 2020.

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:**      **Journal in the top 25%:** Yes

**24** Eugenia Politou; Efthimios Alepis; Constantinos Patsakis; Fran Casino; Mamoun Alazab. Delegated content erasure in IPFS. Future Generation Computer Systems. 112, pp. 956 - 964. 2020. ISSN 0167-739X

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:** 7.187      **Journal in the top 25%:** Yes

**25** Constantinos Patsakis; Fran Casino; Vasilios Katos. Encrypted and Covert DNS Queries for Botnets: Challenges and Countermeasures. Computers & Security. pp. 101614 - 101614. 2020.

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:** 4.438      **Journal in the top 25%:** Yes

**26** F. Casino; P. Lopez-Iturri; E. Aguirre; L. Azpilicueta; F. Falcone; A. {Solanas}. Enhanced Wireless Channel Estimation Through Parametric Optimization of Hybrid Ray Launching-Collaborative Filtering Technique. IEEE Access. 8, pp. 83070 - 83080. 2020.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** Q2 - CS

**Impact index in year of publication:** 3.367

**27** F. Casino; E. Politou; E. Alepis; C. Patsakis. Immutability and Decentralised Storage: An Analysis of Emerging Threats. IEEE Access. pp. 1 - 1. 2020. ISSN 2169-3536

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** Q2 - CS

**Impact index in year of publication:** 3.367

**28** C. Patsakis; F. Casino; N. Lykousas; V. Katos. Unravelling Ariadne's Thread: Exploring the Threats of Decentralised DNS. IEEE Access. pp. 1 - 1. 2020.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** Q2 - CS

**Impact index in year of publication:** 3.367

**29** Patsakis; Casino, Fran. Hydras and IPFS: a decentralised playground for malware. International Journal of Information Security. 18 - 6, pp. 787 - 799. 12/2019.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** Q3 - CS

**Impact index in year of publication:** 1.494

**30** C Patsakis; K Dellios; JM De Fuentes; F Casino; A Solanas. External Monitoring Changes in Vehicle Hardware Profiles: Enhancing Automotive Cyber-Security. Journal of Hardware and Systems Security. 3 - 3, pp. 289 - 303. 09/2019.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**31** Fran Casino; Thomas K. Dasaklis; Constantinos Patsakis. A systematic literature review of blockchain-based applications: Current status, classification and open issues. Telematics and Informatics. 36, pp. 55 - 81. 2019.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** CS

**Impact index in year of publication:** 4.139　　　　　**Journal in the top 25%:** Yes

**32** F. Casino; K. R. Choo; C. Patsakis. HEDGE: Efficient Traffic Classification of Encrypted and Compressed Packets. IEEE Transactions on Information Forensics and Security. 14 - 11, pp. 2916 - 2926. 2019.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** CS

**Impact index in year of publication:** 6.013　　　　　**Journal in the top 25%:** Yes

**33** Fran Casino; Constantinos Patsakis; Agusti Solanas. Privacy-Preserving Collaborative Filtering: A New Approach based on Variable-Group-Size Microaggregation. Electronic Commerce Research and Applications. pp. 100895 - 100895. 2019.

**Type of production:** Scientific paper　　　　　**Format:** Journal

**Impact source:** ISI　　　　　**Category:** CS

**Impact index in year of publication:** 3.824　　　　　**Journal in the top 25%:** Yes

**34** F. Casino; C. Patsakis; E. Batista; F. Borràs; A. Martínez-Ballesté. Healthy Routes in the Smart City: A Context-Aware Mobile Recommender. IEEE Software. 34 - 6, pp. 42 - 47. 11/2017. ISSN 0740-7459

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:** 2.879      **Journal in the top 25%:** Yes

**35** F. Casino; L. Azpilicueta; P. Lopez-Iturri; E. Aguirre; F. Falcone; A. {Solanas}. Optimized Wireless Channel Characterization in Large Complex Environments by Hybrid Ray Launching-Collaborative Filtering Approach. IEEE Antennas and Wireless Propagation Letters. 16, pp. 780 - 783. 2017. ISSN 1536-1225

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** TELECOM

**Impact index in year of publication:** 3.448      **Journal in the top 25%:** Yes

**36** P. Lopez-Iturri; F. Casino; E. Aguirre; L. Azpilicueta; F. Falcone; A. Solanas. Performance Analysis of ZigBee Wireless Networks for AAL through Hybrid Ray Launching and Collaborative Filtering. Journal of Sensors. 2016 - 2424101, pp. 1 - 16. 2016.

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** Q2 - TELECOM

**Impact index in year of publication:** 1.704

**37** Fran Casino; Josep Domingo-Ferrer; Constantinos Patsakis; Domènec Puig; Agusti Solanas. A k-anonymous approach to privacy preserving collaborative filtering. Journal of Computer and System Sciences. 81 - 6, pp. 1000 - 1011. 2015. ISSN 0022-0000

**Type of production:** Scientific paper      **Format:** Journal

**Impact source:** ISI      **Category:** CS

**Impact index in year of publication:** 1.583      **Journal in the top 25%:** Yes

**38** Patsakis, Constantinos; Arroyo, David; Casino, Fran. The Malware as a Service ecosystem. Malware: Handbook of Prevention and Detection. pp. 371 - 394. Springer, 2024.

**Type of production:** Book chapter      **Format:** Book

**39** Thomas K. Dasaklis; Fran Casino; Constantinos Patsakis. SoK: Blockchain Solutions for Forensics. Security Informatics and Law Enforcement. Springer Nature Switzerland AG, 2021.

**Type of production:** Book chapter      **Format:** Book

**40** Agusti Solanas; Edgar Batista; Fran Casino; Achilleas Papageorgiou; Constantinos Patsakis. Privacy-Oriented Analysis of Ubiquitous Computing Systems: A 5-D Approach. Security of Ubiquitous Computing Systems. pp. 181 - 194. Springer, 2019. ISBN 978-3-030-10591-4

**Type of production:** Book chapter      **Format:** Book

## Works submitted to national or international conferences

**1**   **Title of the work:** From Theory to Practice: A Hands-On Guide to the Deployment of Smart Classrooms
**Name of the conference:** International Conference on Ubiquitous Computing and Ambient Intelligence
**City of event:** Belfast, Ireland
**Date of event:** 26/11/2024
**End date:** 29/11/2024
**Organising entity:** Springer
**Type of contribution:** Scientific book or monograph
Edgar Batista; Fran Casino; Francisco Falcone; Maria Ferre; Elena Figueroa; Antoni Mart{\'\i}nez-Ballest{\'e}.
"International Conference on Ubiquitous Computing and Ambient Intelligence". pp. 515 - 521. 2024.

**2**   **Title of the work:** Integrating Audio-Based Interactions and Large Language Models into Ambient Assisted Living Environments
**Name of the conference:** International Conference on Ubiquitous Computing and Ambient Intelligence
**City of event:** Belfast, Ireland
**Date of event:** 26/11/2024
**End date:** 29/11/2024
**Organising entity:** Springer
**Type of contribution:** Scientific book or monograph
Fran Casino; Edgar Batista; Antoni Mart{\'\i}nez-Ballest{\'e}; Agusti Solanas. "International Conference on Ubiquitous Computing and Ambient Intelligence". pp. 176 - 182. 2024.

**3**   **Title of the work:** Outside the comfort zone: Analysing llm capabilities in software vulnerability detection
**Name of the conference:** 29th European Symposium on Research in Computer Security
**Type of event:** Conference
**City of event:** Bydgoszcz, Poland
**Date of event:** 16/09/2024
**End date:** 20/09/2024
**Organising entity:** Springer
**Type of contribution:** Scientific book or monograph
Guo, Yuejun; Patsakis, Constantinos; Hu, Qiang; Tang, Qiang; Casino, Fran. "29th European Symposium on Research in Computer Security". pp. 271 - 289. 2024.
**Relevant results:** CORE A

**4**   **Title of the work:** The potential of LLM-generated reports in DevSecOps
**Name of the conference:** International Conference on AI-empowered Software Engineering
**Date of event:** 08/2024
**End date:** 08/2024
**Organising entity:** Springer
**Type of contribution:** Scientific book or monograph
Nikolaos Lykousas; Vasileios Argyropoulos; Fran Casino. "International Conference on AI-empowered Software Engineering". 2024.

**5**   **Title of the work:** The cynicism of modern cybercrime: Automating the analysis of surface web marketplaces
**Name of the conference:** IEEE International Conference on Service-Oriented System Engineering (SOSE)
**City of event:** Athens, Greece
**Date of event:** 17/07/2023

**End date:** 20/07/2023
**Organising entity:** IEEE
**Type of contribution:** Scientific book or monograph
Nikolaos Lykousas; Vasilios Koutsokostas; Fran Casino; Constantinos Patsakis. "2023 IEEE International Conference on Service-Oriented System Engineering (SOSE)". pp. 161 - 171. 2023.

**6**  **Title of the work:** Microaggregation Optimisation Through Random Cluster Shuffling
**Name of the conference:** International Conference on Applications in Electronics Pervading Industry, Environment and Society
**Type of event:** Conference
**City of event:** Pisa, Italy
**Date of event:** 21/09/2021
**End date:** 22/09/2021
**Organising entity:** Springer
**Publication in conference proceedings:** Yes
**Type of contribution:** Scientific book or monograph
K. Douladiris; F. Casino; T.K. Dasaklis; C. Douligeris. pp. 114 - 119. 2020.

**7**  **Title of the work:** A Blockchain Framework for Reverse Logistics of Used Medical Equipment
**Name of the conference:** 24th Pan-Hellenic Conference on Informatics
**Type of event:** Conference
**City of event:** Athens, Greece
**Date of event:** 20/11/2020
**End date:** 22/11/2020
**Organising entity:** ACM
**Publication in conference proceedings:** Yes
**Type of contribution:** Scientific book or monograph
K. Douladiris; T.K. Dasaklis; F. Casino; C. Douligeris. 12467 LNCS, pp. 181 - 191. ACM, 2020. Available on-line at: <https://doi.org/10.1145/3437120.3437295>. ISBN 9781450388979

**8**  **Title of the work:** Inside the X-Rated World of "Premium" Social Media Accounts
**Name of the conference:** International Conference on Social Informatics - SocInfo 2020
**Type of event:** Conference
**City of event:** Pisa, Italy
**Date of event:** 06/10/2020
**End date:** 09/10/2020
**Type of contribution:** Scientific book or monograph
N. Lykousas; F. Casino; C. Patsakis. En: Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). 12467 LNCS, pp. 181 - 191. 2020. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093100246&doi=10.1007%2f978-3-030-60975-7_14&partnerID=40&md5=bbb0dad5390c24256e82c002226f44

**9**  **Title of the work:** Enhanced vendor-managed inventory through blockchain
**Name of the conference:** The 4th South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference, SEEDA-CECNSM 2019
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Piraeus, Greece
**Date of event:** 20/09/2019
**End date:** 22/09/2019
**Type of contribution:** Scientific book or monograph

F. Casino; T.K. Dasaklis; C. Patsakis. En: 2019 4th South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference, SEEDA-CECNSM 2019. 2019. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076336900&doi=10.1109%2fSEEDA-CECNSM.2019.8908481&partnerID=40&md5=7cad0ef7a1ffde7bdb6aa9636fd5f955>.

**10**  **Title of the work:** A Framework for Supply Chain Traceability Based on Blockchain Tokens
**Name of the conference:** International Conference on Business Process Management BPM 2019
**Type of event:** Conference
**City of event:** Vienna, Austria
**Date of event:** 01/09/2019
**End date:** 06/09/2019
**Type of contribution:** Scientific book or monograph
Thomas K.and Casino Dasaklis; Costasand Douligeris Franand Patsakis. "Business Process Management Workshops". pp. 704 - 716. Springer International Publishing, 2019. ISBN 978-3-030-37453-2

**11**  **Title of the work:** Modeling food supply chain traceability based on blockchain technology
**Name of the conference:** IFAC/IFIP/IFORS/IISE/INFORMS Conference on Manufacturing Modelling, Management andControl - 9th MIM 2019
**Type of event:** Conference
**City of event:** Berlin, Germany
**Date of event:** 28/08/2019
**End date:** 30/08/2019
**Type of contribution:** Scientific book or monograph
F. Casino; V. Kanakaris; T.K. Dasaklis; S. Moschuris; N.P. Rachaniotis. En: IFAC-PapersOnLine. 52 - 13, pp. 2728 - 2733. 2019. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078938382&doi=10.1016%2fj.ifacol.2019.11.620&partnerID=40&md5=25415d4a580255dc95fc08c7bd34a076>

**12**  **Title of the work:** Improving Vendor-managed Inventory Strategy Based on Internet of Things (IoT) Applications and Blockchain Technology
**Name of the conference:** The 1st IEEE International Conference on Blockchain and Cryptocurrency ICBC 2019
**Type of event:** Conference
**Type of participation:** 'Participatory - poster
**City of event:** Seoul,
**Date of event:** 14/05/2019
**End date:** 17/05/2019
**Type of contribution:** Scientific book or monograph
T. Dasaklis; F. Casino. En: ICBC 2019 - IEEE International Conference on Blockchain and Cryptocurrency. pp. 50 - 55. 2019. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066814599&doi=10.1109%2fBLOC.2019.8751478&partnerID=40&md5=6e5922afe248c20833b36c7fb4728c9f>

**13**  **Title of the work:** Defining granularity levels for supply chain traceability based on IoT and blockchain
**Name of the conference:** International Conference on Omni-Layer Intelligent Systems. COINS '19
**Type of event:** Conference
**City of event:** Creta, Greece
**Date of event:** 2019
**End date:** 2019
**Type of contribution:** Scientific book or monograph
T.K. Dasaklis; F. Casino; C. Patsakis. En: ACM International Conference Proceeding Series. Part F148162, pp. 184 - 190. 2019. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066807875&doi=10.1145%2f3312614.3312652&partnerID=40&md5=e56769e59ae74c5113285e50bccff2a7>.

**14** **Title of the work:** Smart Healthcare in the IoT Era: A Context-Aware Recommendation Example
**Name of the conference:** International Symposium in Sensing and Instrumentation in IoT Era, ISSI 2018
**Type of event:** Conference
**City of event:** Shangai, China
**Date of event:** 06/09/2018
**End date:** 07/09/2018
**Type of contribution:** Scientific book or monograph
F. Casino; C. Patsakis; E. Batista; O. Postolache; A. Martínez-Ballesté; A. Solanas.
En: 2018 International Symposium in Sensing and Instrumentation in IoT Era, ISSI
2018. 2018. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-85059373097&doi=10.1109%2fISSI.2018.8538106&partnerID=40&md5=0efcf6433e43453d23d9935d46aeab8a>
**Relevant results:** BEST PAPER AWARD

**15** **Title of the work:** Blockchain meets smart health: Towards next generation healthcare services
**Name of the conference:** The 9th International Conference on Information, Intelligence, Systems and Applications.
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Zakynthos, Greece
**Date of event:** 23/07/2018
**End date:** 25/07/2018
**Type of contribution:** Scientific book or monograph
T.K. Dasaklis; F. Casino; C. Patsakis. En: 2018 9th International Conference
on Information, Intelligence, Systems and Applications, IISA 2018. 2019.
Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-85062850459&doi=10.1109%2fIISA.2018.8633601&partnerID=40&md5=62cab8bd0f9c08a5ec4ef58fe46a11e6>.

**16** **Title of the work:** Efficient wireless channel characterization in medicalised vehicles for smart health
**Name of the conference:** The 9th International Conference on Information, Intelligence, Systems and Applications, IISA 2018
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Zakynthos, Greece
**Date of event:** 23/07/2018
**End date:** 25/07/2018
**Type of contribution:** Scientific book or monograph
F. Casino; P. Lopez-Iturri; L. Azpilicueta; E. Aguirre; F. Falcone; C. Patsakis; A. Solanas. En:
2018 9th International Conference on Information, Intelligence, Systems and Applications,
IISA 2018. 2019. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-85062876797&doi=10.1109%2fIISA.2018.8633611&partnerID=40&md5=b06fc4b97edf2d6320cd34d0a2233cce>.

**17** **Title of the work:** Trends and challenges in smart healthcare research: A journey from data to wisdom
**Name of the conference:** RTSI 2017 - IEEE 3rd International Forum on Research and Technologies for Society and Industry,
**Type of event:** Conference
**City of event:** Modena, Italy
**Date of event:** 11/09/2017
**End date:** 13/09/2017
**Type of contribution:** Scientific book or monograph
A. Solanas; F. Casino; E. Batista; R. Rallo. En: RTSI 2017 - IEEE 3rd International
Forum on Research and Technologies for Society and Industry, Conference

Proceedings. 2017. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034829577&doi=10.1109%2fRTSI.2017.8065986&partnerID=40&md5=58da7d971b01a09687cf45819b4e5961

**18**  **Title of the work:** Two-dimensional collaborative filtering approach to wireless channel characterization in medical complex scenarios
**Name of the conference:** IEEE 2nd International Smart Cities Conference ISC2 2016
**Type of event:** Conference
**City of event:** Trento, Italy
**Date of event:** 12/09/2016
**End date:** 15/09/2016
**Type of contribution:** Scientific book or monograph
F. Casino; P.L. Iturri; E. Aguirre; L. Azpilicueta; F. Falcone; E. Batista; A. Solanas. En: IEEE 2nd International Smart Cities Conference: Improving the Citizens Quality of Life, ISC2 2016
- Proceedings. 2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994086633&doi=10.1109%2fISC2.2016.7580801&partnerID=40&md5=31119cdb3b8e14268a6418b869a21a78

**19**  **Title of the work:** Analysis of vehicular connectivity in smart health service provision scenarios
**Name of the conference:** The 7th International Conference on Information, Intelligence, Systems and Applications
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Porto Carras, Greece
**Date of event:** 13/07/2016
**End date:** 15/07/2016
**Type of contribution:** Scientific book or monograph
P. Lopez-Iturri; E. Aguirre; F. Falcone; L. Azpilicueta; F. Casino; A. Solanas. En: IISA
2016 - 7th International Conference on Information, Intelligence, Systems and
Applications. 2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013213214&doi=10.1109%2fIISA.2016.7785406&partnerID=40&md5=254c740339021f048de52eb6b85fafa2>.

**20**  **Title of the work:** On wandering detection methods in context-aware scenarios
**Name of the conference:** The 7th International Conference on Information, Intelligence, Systems and Applications
**Type of event:** Conference
**City of event:** Porto Carras, Greece
**Date of event:** 13/07/2016
**End date:** 15/07/2016
**Type of contribution:** Scientific book or monograph
E. Batista; F. Casino; A. Solanas. En: IISA 2016 - 7th International
Conference on Information, Intelligence, Systems and Applications.
2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013212984&doi=10.1109%2fIISA.2016.7785349&partnerID=40&md5=a13edfca64d611f9f989ec7bcc66f65d>.

**21**  **Title of the work:** Optimal parameter estimation for wireless signal analysis in context-aware scenarios: A brief study
**Name of the conference:** The 7th International Conference on Information, Intelligence, Systems and Applications
**Type of event:** Conference
**City of event:** Porto carras, Greece
**Date of event:** 13/07/2016
**End date:** 15/07/2016
**Type of contribution:** Scientific book or monograph

F. Casino; P. Lopez-Iturri; L. Azpilicueta; E. Aguirre; F. Falcone; A. Solanas. En: IISA
2016 - 7th International Conference on Information, Intelligence, Systems and
Applications. 2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-85013167815&doi=10.1109%2fIISA.2016.7785348&partnerID=40&md5=8cad18a82cd2e0045e868f4e6fd6dcde>.

**22** **Title of the work:** Context-aware recommender for smart health
**Name of the conference:** The 1st IEEE International Smart Cities Conference.
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Guadalajara, Mexico
**Date of event:** 25/10/2015
**End date:** 28/10/2015
**Type of contribution:** Scientific book or monograph

F. Casino; E. Batista; C. Patsakis; A. Solanas. En: 2015 IEEE 1st International Smart Cities
Conference, ISC2 2015. 2015. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84970024603&doi=10.1109%2fISC2.2015.7366176&partnerID=40&md5=5a6a89d2ad95bf906ae0df421668c08b>

**23** **Title of the work:** Wandering detection methods in smart cities: Current and new approaches
**Name of the conference:** IEEE 1st International Smart Cities Conference, ISC2 2015
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Guadalajara, Mexico
**Date of event:** 25/10/2015
**End date:** 28/10/2015
**Type of contribution:** Scientific book or monograph

E. Batista; F. Casino; A. Solanas. En: 2015 IEEE 1st International Smart Cities Conference,
ISC2 2015. 2015. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84969972193&doi=10.1109%2fISC2.2015.7366175&partnerID=40&md5=073e29bdafa7479366efaa18fca4775a>

**24** **Title of the work:** Dense wireless sensor network design for the implementation of Smart Health
environments
**Name of the conference:** the 2015 International Conference on Electromagnetics in Advanced
Applications, ICEAA 2015
**Type of event:** Conference
**City of event:** Turin, Italy
**Date of event:** 07/09/2015
**End date:** 11/09/2015
**Type of contribution:** Scientific book or monograph

F. Casino; P. Lopez-Iturri; E. Aguirre; L. Azpilicueta; A. Solanas; F. Falcone. En: Proceedings
of the 2015 International Conference on Electromagnetics in Advanced Applications, ICEAA
2015. pp. 752 - 754. 2015. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84955442599&doi=10.1109%2fICEAA.2015.7297215&partnerID=40&md5=c9480ace2ac0cb860274dd7ec7ddb9c

**25** **Title of the work:** A study on the detection of wandering patterns in human trajectories
**Name of the conference:** The 6th International Conference on Information, Intelligence, Systems and
Applications
**Type of event:** Conference
**City of event:** Corfu, Greece
**Date of event:** 06/07/2015
**End date:** 08/07/2015
**Type of contribution:** Scientific book or monograph

E. Batista; F. Borras; F. Casino; A. Solanas. En: IISA 2015 - 6th International
Conference on Information, Intelligence, Systems and Applications.
2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84963799832&doi=10.1109%2fIISA.2015.7387995&partnerID=40&md5=1ba6db3dd694adcd587d9c991fcd5439>

**26** **Title of the work:** Challenges in the implementation of context-aware scenarios within emergency rooms
**Name of the conference:** The 6th International Conference on Information, Intelligence, Systems and Applications.
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Corfu, Greece
**Date of event:** 06/07/2015
**End date:** 08/07/2015
**Type of contribution:** Scientific book or monograph
A.O. De Lejarazu; P. Lopez-Iturri; E. Aguirre; L. Azpilicueta; F. Falcone; F. Casino; A. Solanas.
En: IISA 2015 - 6th International Conference on Information, Intelligence, Systems and
Applications. 2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84963812516&doi=10.1109%2fIISA.2015.7387998&partnerID=40&md5=8fd439e34219783021e1b3fe38cd756c>

**27** **Title of the work:** Hybrid-based optimization of wireless channel characterization for health services in medical complex environments
**Name of the conference:** The 6th International Conference on Information, Intelligence, Systems and Applications
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Corfu, Greece
**Date of event:** 06/07/2015
**End date:** 08/07/2015
**Type of contribution:** Scientific book or monograph
F. Casino; L. Azpilicueta; P. Lopez-Iturri; E. Aguirre; F. Falcone; A. Solanas. En: IISA
2015 - 6th International Conference on Information, Intelligence, Systems and
Applications. 2016. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84963799404&doi=10.1109%2fIISA.2015.7387993&partnerID=40&md5=11593fab7ccfedb5091a81c8dee4c5ae>
**Relevant results:** BEST PAPER AWARD

**28** **Title of the work:** GAME-ABLING: Platform of Games for People with Cerebral Palsy
**Name of the conference:** European Project Space on Computer Vision, Graphics, Optics and Photonics 2015
**Type of event:** Conference
**City of event:** Berlin, Germany
**Date of event:** 11/03/2015
**End date:** 14/03/2015
**Type of contribution:** Scientific book or monograph
Jaume Verg{\'e}s-Llah{\i}; Hamed Habibi; Fran Casino; Domenec Puig. "European Project Space on
Computer Vision, Graphics, Optics and Photonics". pp. 64 - 64. 2015.
**Relevant results:** CORE B

**29** **Title of the work:** An autonomous system to assess, display and communicate the pain level in newborns
**Name of the conference:** The 9th IEEE International Symposium on Medical Measurements and Applications.
**Type of event:** Conference
**City of event:** Lisboa, Portugal

**Date of event:** 11/06/2014
**End date:** 12/06/2014
**Type of contribution:** Scientific book or monograph
A. Martínez-Ballesté; J.-O. Casanovas-Marsal; A. Solanas; F. Casino; M. García-Martínez. En: IEEE
MeMeA 2014 - IEEE International Symposium on Medical Measurements and Applications,
Proceedings. 2014. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84906898083&doi=10.1109%2fMeMeA.2014.6860144&partnerID=40&md5=37f6b948cdb17f09eb3f0c3e4b22eaf2

30 **Title of the work:** On privacy preserving collaborative filtering: Current trends, open problems and new
issues
**Name of the conference:** IEEE 10th International Conference on e-Business Engineering, ICEBE 2013
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Coventry, United Kingdom
**Date of event:** 11/09/2013
**End date:** 13/09/2013
**Type of contribution:** Scientific book or monograph
F. Casino; C. Patsakis; D. Puig; A. Solanas. En: Proceedings - 2013 IEEE 10th
International Conference on e-Business Engineering, ICEBE 2013. pp. 244 -
249. 2013. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84893299494&doi=10.1109%2fICEBE.2013.37&partnerID=40&md5=c4dd023e998ec92d57e9ff3ac4cfa39e>.
**Relevant results:** CORE B

31 **Title of the work:** Privacy Preserving Collaborative Filtering with k-anonymity through microaggregation
**Name of the conference:** IEEE 10th International Conference on e-Business Engineering, ICEBE 2013
**Type of event:** Conference
**Type of participation:** Participatory - oral communication
**City of event:** Coventry, United Kingdom
**Date of event:** 11/09/2013
**End date:** 13/09/2013
**Type of contribution:** Scientific book or monograph
F. Casino; J. Domingo-Ferrer; C. Patsakis; D. Puig; A. Solanas. En: Proceedings - 2013
IEEE 10th International Conference on e-Business Engineering, ICEBE 2013. pp. 490
- 497. 2013. Available on-line at: <https://www.scopus.com/inward/record.uri?eid=2-
s2.0-84893230450&doi=10.1109%2fICEBE.2013.77&partnerID=40&md5=ce55f4f8fc57f9c257afd286af3d6425>.
**Relevant results:** CORE B

## Works submitted to national or international seminars, workshops and/or courses

1 **Title of the work:** Trust data and identity sharing: a workshop proposal
**Name of the event:** 19th IFIP Summer School on Privacy and Identity Management
**City of event:** Madrid, Community of Madrid, Spain
**Date of event:** 10/09/2024
**End date:** 13/09/2024
**Organising entity:** Universidad Politécnica de Madrid

2 **Title of the work:** What is OSINT and How is it Used?
**Name of the event:** International Centre for Missing & Exploited Children
**Corresponding author:** Yes          **Reasons for participation:** Speaker
**City of event:** International,
**Date of event:** 2024

**End date:** 13/09/2024

**Organising entity:** International Centre for Missing & Exploited Children

Fran Casino. "Agents of Change Level 6 - Technology for Good". Available on-line at: <https://icmec-english.tovuti.io/courses-page/course/agents-of-change-level-6-technology-for-good-the-use-of-technology-to-fight-crimes-against-children>.

## Science Outreach activities

1 **Title of the work:** OSINT tools for surface and hidden networks
**Name of the event:** Ciberwall
**Type of event:** Conferences given
**Corresponding author:** Yes
**City of event:** Avila, Spain
**Date of event:** 18/06/2024
**Organising entity:** Cuerpo Nacional de Policia     **Type of entity:** others
"OSINT tools for surface and hidden networks".

2 **Title of the work:** Invited talk - Tools to fight CSA/CSE under HEROES and ALUNA projects
**Name of the event:** International Centre for Missing & Exploited Children 2023 Summit and Gala
**Type of event:** Conferences given
**Corresponding author:** Yes
**City of event:** Parma, Italy
**Date of event:** 06/10/2023
**Organising entity:** International Centre for Missing & Exploited Children
"Tools to fight CSA/CSE under HEROES and ALUNA projects".

3 **Title of the work:** Invited talk - Fighting next generation cybercrime with a holistic perspective
**Type of event:** Conferences given
**Corresponding author:** Yes
**City of event:** Brno, Czech Republic
**Date of event:** 08/11/2022
**Organising entity:** Department of Intelligent Systems, FIT BUT
"Fighting next generation cybercrime with a holistic perspective".

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

1 **Committee title:** Member of the programme committee of the 20th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob)
**Geographical area:** International
**City:** Paris, France
**Start-End date:** 21/10/2024 - 23/10/2024

2 **Committee title:** Member of the programme committee of the 29th IEEE Symposium on Computers and Communications
**Geographical area:** International
**City:** Paris, France
**Start-End date:** 26/07/2024 - 29/07/2024

**3** **Committee title:** Member of the programme committee of the 18th IEEE International Conference on Advanced and Trusted Computing
**Geographical area:** International
**City:** Porthmouth, United Kingdom
**Start-End date:** 28/08/2023 - 31/08/2023

**4** **Committee title:** Member of the programme committee of the 28th IEEE Symposium on Computers and Communications
**Geographical area:** International
**City:** Tunis, Tunisia
**Start-End date:** 09/07/2023 - 12/07/2023

**5** **Committee title:** Member of the programme committee of the 1st DevSecOps Research and Opportunities Workshop, Co-located with the 8th IEEE European Symposium on Security and Privacy
**Geographical area:** International
**City:** Delft, Holland
**Start-End date:** 03/07/2023 - 07/07/2023

**6** **Committee title:** Member of the programme committee of the 19th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob)
**Geographical area:** International
**City:** Montreal, Canada
**Start-End date:** 21/06/2023 - 23/06/2023

**7** **Committee title:** Member of the programme committee of the 11th International Symposium on Security & Privacy on Internet of Things (SPIoT 2022)
**Geographical area:** International
**City:** Zhangjiajie, China
**Start-End date:** 15/11/2022 - 18/11/2022

**8** **Committee title:** Member of the programme committee of the 8th IEEE International Smart Cities Conference (ISC2 2022)
**Geographical area:** International
**City:** Paphos, Cyprus
**Start-End date:** 26/09/2022 - 29/09/2022

**9** **Committee title:** Member of the programme committee of the 18th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob)
**Geographical area:** International
**City:** Thessaloniki, Thessalia, Greece
**Start-End date:** 10/09/2022 - 12/09/2022

**10** **Committee title:** Member of the programme committee of the 27th IEEE Symposium on Computers and Communications (ISCC 2022)
**Geographical area:** International
**City:** Rhodes, Greece
**Start-End date:** 30/06/2022 - 02/07/2022

**11** **Committee title:** Member of the programme committee of the 18th IEEE International Conference on Advanced and Trusted Computing
**Geographical area:** International

**City:** Atlanta, United States of America
**Start-End date:** 2021 - 2021

**12** **Committee title:** Member of the programme committee of the 1st Workshop on Actionable Cyber
ThreatsIntelligence (ACTI) held in conjunction with IEEE Cyber security & Resilience (IEEE CSR).Rhodes,
GR, 2021
**Geographical area:** International
**Start-End date:** 2021 - 2021

**13** **Committee title:** Member of the programme committee of the 7th IEEE International Smart Cities
Conference
**Geographical area:** International
**City:** Virtual,
**Start-End date:** 2021 - 2021

**14** **Committee title:** Member of the programme committee of the The 10th International Symposium On
Security And Privacy On Internet Of Things
**Geographical area:** International
**City:** New York, United States of America
**Start-End date:** 2021 - 2021

**15** **Committee title:** Member of the programme committee of the The 3rd ACM International Symposium on
Blockchain and Secure Critical Infrastructure ACM BSCI , Hong Kong, China, June 2021
**Geographical area:** International
**City:** Hong Kong, China
**Start-End date:** 2021 - 2021

**16** **Committee title:** Member of the programme committee of the 5th South-East Europe Design Automa-tion,
Computer Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM 2020). Corfu,
GR, 2020
**Geographical area:** International
**Start-End date:** 2020 - 2020

**17** **Committee title:** Member of the programme committee of IEEE International Workshop on IoT Big Dataand
Blockchain (IoTBB), at IEEE International Conference on Big Data (IEEE BigData) 2019.Los Angeles, CA,
USA, Dec 9-12, 2019
**Geographical area:** International
**Start-End date:** 2019 - 2019

**18** **Committee title:** Member of the programme committee of the 4th South-East Europe Design Automa-tion,
Computer Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM 2019).
Piraeus, Greece, September 20-22, 2019
**Geographical area:** International
**Start-End date:** 2019 - 2019

**19** **Committee title:** Member of the programme committee of the ISSI 2019. The 2nd International
Symposiumon Sensing and Instrumentation in IoT Era. Lisbon, Portugal, August 29-30, 2019
**Geographical area:** International
**Start-End date:** 2019 - 2019

**20** **Committee title:** Tribunal member of Ph.D dissertations
**Affiliation entity:** Universitat Rovira i Virgili   **Type of entity:** University
**City affiliation entity:** Tarragona, Catalonia, Spain
**Start date:** 2019

## Organization of R&D activities

**1** **Title of the activity:** Special Issue in an International Journal (Sensors- MDPI)
**Type of activity:** Special Issue in an   **Geographical area:** International
International Journal (Sensors- MDPI)
https://www.mdpi.com/journal/sensors/special_issues/9MMWC9BG51
**Convening entity:** Multidisciplinary Digital Publishing   **Type of entity:** Associations and Groups
Institute (MDPI)
**Start-End date:** 30/07/2022 - 30/07/2023   **Duration:** 12 months

**2** **Title of the activity:** Special Issue in an International Journal (Sensors- MDPI)
**Type of activity:** Special Issue in an   **Geographical area:** International
International Journal (Sensors- MDPI)
https://www.mdpi.com/journal/sensors/special_issues/IIoTBEA
**Convening entity:** Multidisciplinary Digital Publishing   **Type of entity:** Associations and Groups
Institute (MDPI)
**Start-End date:** 01/12/2020 - 30/09/2021   **Duration:** 9 months

**3** **Title of the activity:** Special Issue in an International Journal (Sustainability - MDPI)
**Type of activity:** Special Issue   **Geographical area:** International
in an International Journal
https://www.mdpi.com/journal/sustainability/special_issues/traceability_supply_chain
**Convening entity:** Multidisciplinary Digital Publishing   **Type of entity:** Associations and Groups
Institute (MDPI)
**Start-End date:** 01/12/2020 - 30/06/2021   **Duration:** 7 months

**4** **Title of the activity:** Organizing committee of The 4th South-East Europe Design Automation, Computer
Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM 2019)
**Type of activity:** Organización   **Geographical area:** Internacional
y propouesta de un special track
(https://seeda2019.unipi.gr/call_for_special_tracks/tr6/)
, diseminación, editorial y gestión de revisiones
**Convening entity:** University of Piraeus
**City convening entity:** Piraeus, Attiki, Greece
**Start-End date:** 30/04/2019 - 30/09/2020   **Duration:** 5 months

## National and international forums and committees

**Name of the forum:** Foro contra las campañas de desinformación en el ámbito de la Seguridad Nacional
2024
**Professional category:** Coordinator of Chapter 5
**Organising entity:** Departamento de Seguridad   **Type of entity:** State agency
Nacional
**City organizing entity:** Madrid, Community of Madrid, Spain
**Start date:** 06/03/2024

## Evaluation and revision of R&D projects and articles

**1**  **Name of the activity:** External Reviewer in the Master Programme of the University of Malta
**Performed tasks:** External reviewer of a master thesis
**Entity where activity was carried out:** University of    **Type of entity:** University
Malta
**Start-End date:** 2020 - 2021

**2**  **Name of the activity:** External Reviewer in the Universitat Oberta de Catalunya
**Performed tasks:** Member of the Msc thesis evaluation committee
**Entity where activity was carried out:** Universitat    **Type of entity:** University
Oberta de Catalunya
**Start date:** 2023

**3**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Computers & Security Journal (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

**4**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Future Generation Computer Systems (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

**5**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** IEEE Access
**Type of activity:** Review of articles in scientific or technological journals

**6**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** IEEE Software
**Type of activity:** Review of articles in scientific or technological journals

**7**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** IEEE Transactions on Industrial Informatics
**Type of activity:** Review of articles in scientific or technological journals

**8**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** IEEE Transactions on Information Forensics and Security
**Type of activity:** Review of articles in scientific or technological journals

**9**  **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** IEEE Transactions on Knowledge and Data Engineering
**Type of activity:** Review of articles in scientific or technological journals

**10**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** IEEE Transactions on Services Computing
**Type of activity:** Review of articles in scientific or technological journals

**11**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Information Sciences (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

**12**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** International Journal of Information Management (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

**13**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Journal of Parallel and Distributed Computing (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

**14**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Knowledge-Based Systems (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

**15**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Plos One
**Type of activity:** Review of articles in scientific or technological journals

**16**    **Name of the activity:** Journal Reviewer
**Performed tasks:** Article Reviewer
**Entity where activity was carried out:** Technological Forecasting \& Social Change (Elsevier)
**Type of activity:** Review of articles in scientific or technological journals

## Other achievements

## Stays in public or private R&D centres

**1**    **Entity:** Universidad Politécnica de Madrid      **Type of entity:** University
**Faculty, institute or centre:** Computer Systems department
**City of entity:** Madrid, Spain
**Start-End date:** 26/06/2025 - 30/06/2025      **Duration:** 5 days
**Goals of the stay:** Post-doctoral
**Provable tasks:** Research activities and dissemination, proposal writing
**Type of stay:** Investigación

**2**    **Entity:** Universidad Complutense de Madrid
     **City of entity:** Madrid, Spain
     **Start-End date:** 05/11/2024 - 09/11/2024      **Duration:** 5 days
     **Goals of the stay:** Post-doctoral
     **Provable tasks:** Research activities and dissemination
     **Type of stay:** Investigación

**3**    **Entity:** Universidad Politécnica de Madrid      **Type of entity:** University
     **Faculty, institute or centre:** Computer Systems department
     **City of entity:** Madrid, Spain
     **Start-End date:** 05/04/2024 - 12/04/2024      **Duration:** 8 days
     **Goals of the stay:** Post-doctoral
     **Provable tasks:** Research activities and dissemination
     **Type of stay:** Investigación

**4**    **Entity:** Consejo Superior de Investigaciones Científicas      **Type of entity:** State agency
     **Faculty, institute or centre:** Instituto de Tecnologías Físicas y de la Información Leonardo Torres Quevedo (ITEFI-CSIC).
     **City of entity:** Madrid, Spain
     **Start-End date:** 01/04/2024 - 05/04/2024      **Duration:** 5 days
     **Goals of the stay:** Post-doctoral
     **Provable tasks:** Research activities and dissemination
     **Type of stay:** Investigación

**5**    **Entity:** Brno University of Technology      **Type of entity:** University
     **Faculty, institute or centre:** Faculty of Information Technology
     **City of entity:** Brno, Czech Republic
     **Start-End date:** 02/11/2022 - 11/11/2022      **Duration:** 10 days
     **Goals of the stay:** Post-doctoral
     **Provable tasks:** Research activities and dissemination

**6**    **Entity:** Athena Research Center      **Type of entity:** R&D Centre
     **City of entity:** Piraeus, Attiki, Greece
     **Start-End date:** 30/06/2019 - 31/03/2022      **Duration:** 2 years - 9 months - 1 day
     **City funding entity:** Athens, Attiki, Greece
     **Goals of the stay:** Post-doctoral
     **Provable tasks:** Investigación y colaboración en diversos proyectos Europeos. Diversas publicaciones científicas

**7**    **Entity:** University of Pireaus      **Type of entity:** University
     **City of entity:** Piraeus, Attiki, Greece
     **Start-End date:** 12/11/2017 - 30/08/2021      **Duration:** 3 years - 9 months - 18 days
     **City funding entity:** Piraeus, Attiki, Greece
     **Goals of the stay:** Post-doctoral
     **Provable tasks:** Investigación y colaboración en diversos proyectos Europeos. Docencia en la Universidad del Pireo. Diversas publicaciones científicas

**8**    **Entity:** ISCTE - Instituto de Telecomunicações - IUL      **Type of entity:** University
     **City of entity:** Lisboa, Lisboa, Portugal
     **Start-End date:** 03/10/2016 - 05/02/2017      **Duration:** 4 months - 3 days

**Funding entity:** BANCO SANTANDER, S.A.
**Goals of the stay:** Doctorate
**Provable tasks:** Investigación en diversas áreas de salud y monitorización

## Obtained grants and scholarships

**1** **Name of the grant:** Ramón y Cajal RYC2023-044857-I
**Aims:** Post-doctoral
**Awarding entity:** Ministerio de Ciencia e Innovación. **Type of entity:** Gov
Universidades
**Conferral date:** 2024 **Duration:** 3 years
**End date:** 2029
**Entity where activity was carried out:** Universitat Rovira i Virgili
**Faculty, institute or centre:** Department of Computer Engineering and Mathematics

**2** **Name of the grant:** Beatriu de Pinós
**Aims:** Post-doctoral
**Awarding entity:** Generalitat de Catalunya **Type of entity:** Government
**Conferral date:** 2022 **Duration:** 3 years
**End date:** 2025
**Entity where activity was carried out:** Universitat Rovira i Virgili
**Faculty, institute or centre:** Department of Computer Engineering and Mathematics

**3** **Name of the grant:** Short Term Scientific Mission - Quantitative Exploration of Quantized Large Language
Models to perform AAL tasks
**Aims:** Post-doctoral
**Awarding entity:** European Cooperation in Science and Technology - COST Action 19121
**Conferral date:** 17/10/2023 **Duration:** 7 days
**End date:** 23/10/2023
**Entity where activity was carried out:** University of Piraeus

**4** **Name of the grant:** Short Term Scientific Mission - Integrating Secure AAL Expert Agents into
Context-Aware Environments
**Aims:** Post-doctoral
**Awarding entity:** European Cooperation in Science and Technology - COST Action 19121
**Conferral date:** 31/05/2023 **Duration:** 10 days
**End date:** 09/06/2023
**Entity where activity was carried out:** University of Piraeus

**5** **Name of the grant:** Short Term Scientific Mission - Privacy and security in Recommender Systems and
Smart Health
**Aims:** Pre-doctoral
**Awarding entity:** European Cooperation in Science and Technology - COST Action IC1403
**Conferral date:** 26/03/2017 **Duration:** 7 days
**End date:** 01/04/2017
**Entity where activity was carried out:** University of Piraeus

**6** **Name of the grant:** Becas Iberoamérica. Santander Investigación. Santader Universidades
**Aims:** Pre-doctoral
**Awarding entity:** BANCO SANTANDER, S.A.

**Amount of the grant:** 5.000 €
**Conferral date:** 2016                              **Duration:** 4 months
**End date:** 2017
**Entity where activity was carried out:** ISCTE - Instituto de Telecomunicações - IUL

7    **Name of the grant:** PMF-PIPF Programa Martí Franqués d'ajuts a la investigació
**City awarding entity:** Tarragona, Catalonia, Spain
**Aims:** Pre-doctoral
**Awarding entity:** Universitat Rovira i Virgili        **Type of entity:** University
**Amount of the grant:** 37.500 €
**Conferral date:** 2014                              **Duration:** 3 years
**End date:** 2017
**Entity where activity was carried out:** Universitat Rovira i Virgili
**Faculty, institute or centre:** Departamento de Informática i matemáticas

8    **Name of the grant:** AAD Academic activities designed to help teachers. ID 2013 AAD00056
**Aims:** Pre-doctoral
**Awarding entity:** Generalitat de Catalunya        **Type of entity:** Generalitat de Catalunya
**Amount of the grant:** 400 €
**Conferral date:** 2013                              **Duration:** 1 month
**Entity where activity was carried out:** Universitat Rovira i Virgili

## Scientific societies and professional associations

**Name of the society:** Senior Member - Institute of Electrical and Electronics Engineers
**Start date:** 2012

## Editorial councils

1    **Name of the editorial council:** Member of the editorial board of the International Journal of Distributed Sensor Networks (SAGE), Impact Factor 1.151 (2019)
**Affiliation entity:** SAGE
**City affiliation entity:** New YorkNew York, United States of America
**Geographical area:** Internacional
**Start date:** 11/2020

2    **Name of the editorial council:** Guest Editor in Sensors (MDPI)
**Affiliation entity:** MDPI
**Start date:** 2020

3    **Name of the editorial council:** Guest Editor in Sustainability
**Affiliation entity:** MDPI
**Start date:** 2020

## Prizes, mentions and distinctions

**1** **Description:** Premio del Consejo Social de la Universidad Rovira i Virgili, modalidad EX_POST
**Awarding entity:** Universitat Rovira i Virgili          **Type of entity:** University
**City awarding entity:** Tarragona, Catalonia, Spain
**Conferral date:** 2025
**Recognition linked:** Dotación de 3000 euros

**2** **Description:** Listed in the the World's Top 2% most influential Scientists of 2024 according to the prestigious global ranking of the world's most cited scientists in various disciplines published by the Stanford University.
**Awarding entity:** Stanford University
**Conferral date:** 2024

**3** **Description:** Listed in the the World's Top 2% most influential Scientists of 2023 according to the prestigious global ranking of the world's most cited scientists in various disciplines published by the Stanford University.
**Awarding entity:** Stanford University
**Conferral date:** 2023

**4** **Description:** Listed in the the World's Top 2% most influential Scientists of 2022 according to the prestigious global ranking of the world's most cited scientists in various disciplines published by the Stanford University.
**Awarding entity:** Stanford University
**Conferral date:** 2022

**5** **Description:** Best Ph.D dissertation outstanding award (2017-2018) in the Department of Computer Engineering and Mathematics of Rovira i Virgili University
**Awarding entity:** Universitat Rovira i Virgili          **Type of entity:** University
**City awarding entity:** Tarragona, Catalonia, Spain
**Conferral date:** 2019

**6** **Description:** Best paper award for the following contribution: F. Casino et al. "Smart Healthcare in the IoT Era: A Context-Aware Recommendation Example". In 2018 International Symposium in Sensing and Instrumentation in IoT Era (ISSI). 2018, pp. 1–4
**Conferral date:** 2018

**7** **Description:** Best paper award for the following contribution: F. Casino et al. "Hybrid-based optimization of wireless channel characterizationfor healthservices in medical complex environments". In 2015 6th InternationalConference on Information, Intelligence, Systems and Applications (IISA). 2015, pp.1–6
**Conferral date:** 2015

## Obtained accreditations/recognitions

**1** **Description:** Acreditación de investigación
**Accrediting entity:** AGENCIA PER A LA QUALITAT DEL SISTEMA UNIVERSITARI DE CATALUNYA
**Date of recognition:** 2021

**2** **Description:** Acreditación de profesorado lector
**Accrediting entity:** AGENCIA PER A LA QUALITAT DEL SISTEMA UNIVERSITARI DE CATALUNYA
**Date of recognition:** 2019

## Summary of other achievements

**Description of the achievement:** First Certificate in English (FCE). Council of Europe: Nivel B2.
**Accrediting entity:** University of Cambridge          **Type of entity:** University
**Conferral date:** 2004