

Marta Cimitile

Curriculum Vitae

Via Francesca Morvillo, 6
80038, Pomigliano D'Arco, Italy
✉ martacimitile@gmail.com
🌐 <http://unitelmasapienza.it>

Personal information

Name Marta
Surname Cimitile
Nationality Italy

Education/Qualification

- 2022 National Scientific Qualification for the Full Professor position in Information Processing Systems 09/H1
- 2017 National Scientific Qualification for the Associate Professor position in Information Processing Systems 09/H1
- 2008 Ph.D. in Computer Science, Earned at University of Bari with a thesis titled: Knowledge Economy in Software Engineering
- 2004 Professional Engineering Qualification, Earned at University of Federico II, Napoli
- 2003 Engineering management Degree, Earned at University of Federico II, Napoli with a thesis on IT and CRM systems

Language

Italian native speaker
English good

Current positions

- from 2021 Associate Professor in Computer Engineering at Unitelma Sapienza University in Rome (Italy)
- from 2021 Scientific Board Member for the Doctoral School in Social and Economic Sciences
- from 2018 MARKETS AND INSTITUTIONS FOR DEVELOPMENT AND INNOVATION PHD Scientific board member
- from 2018 Director of a I Level Executive Master Course on Open Data at University Unitelma Sapienza (in collaboration with INPS)
- from 2018 Director of Course on "Web Community Manager" at Unitelma Sapienza University
- from 2015 Scientific Collaboration with regional center on national research project with Information Communication Technology CeRICT srl

Past positions

- 2018-2021 Tenure-track Assistant Professor in Computer Engineering at Unitelma Sapienza University in Rome (Italy)
- 2018 Regional Research Project reviewer (FESR-FSE 2014-2020 - Azione 1.1.1 - Avviso pubblico approvato con DD del I Dipartimento n. 75 del 25.06.2018) at CONSEDIN S.p.A.
- 2012-2018 Assistant Professor in Computer Engineering at Unitelma Sapienza University in Rome (Italy)
- 2009-2011 Contract Professor at University of Roma Tor Vergata-Roma IOL
- 2008-2010 Research Associate at University of Bari
- 2007-2009 Contract Professor at University TELMA or Rome
- 2005-2008 Computer Science PHD fellowship at University of Bari
- 2004-2005 Freelance work at University of Bari on Computer Science research projects

Research topics

Data mining, Fuzzy logic and content annotation and search: data mining for the study, extraction and identification of data link in the context of Software Repository and code analysis. Web applications refactoring and quality improvement: Approaches and techniques for the reverse engineering and evolution of legacy systems and web applications. Methods and models for the conceptual user-centered design of business web applications.

Process Modeling and Process Mining: definition and experimentation of methods, techniques and technologies to model, measure and optimize processes. Context-aware process modelling, imperative and declarative process mining technique, process automation through Service Oriented Architectures.

Information Security: Application of Data Mining, Process Mining and Machine Learning as solution to Security issues.

Ontology-based approaches, Experience Base, Experience Factory for Knowledge Management: the study and experimentation of the approaches to the knowledge collection, storing, extraction and transferring in Open Innovation. The adoption of ontologies for formalization of domain knowledge

Conference and Journal activity

- Academic Editor of Computational Intelligence and Neuroscience Journal from 2021;
- Program Committee Member for the IEEE PerCom 2022 (IEEE International Conference on Pervasive Computing and Communications);
- Academic Editor of Wireless Communications and Mobile Computing Journal from 2021;
- Program Committee Member for the Software Engineering Education and Training (SEET) Track at the International Conference on Software Engineering (ICSE 2022);
- BPM 2021 Track chair for "ITalian forum on Business Process Management (ITBPM 2021)" track;
- Guest Editor Special Issue on "Computational Intelligence in IoTs", Sensors Journal 2021;
- Chair of the First IEEE International Workshop on Deep Learning in Pervasive Computing (PerDL) co-located with the 19th International Conference on Pervasive Computing and Communications (PerCom) 2021 (<https://sites.google.com/view/perdl2021/homepage>);
- Topic Editor of Sensors Journal from 2020;
- Program committee member of the International Conference on the Applications of Evolutionary

- Computation (EvoAPPS) 2021;
- Publication chair of Higher Education Learning Methodologies and Technologies Online (Helmeto) workshops;
 - Member of Higher Education Learning Methodologies and Technologies Online (Helmeto) workshops Steering Committee;
 - Program committee member of IEEE EAIS 2020 (IEEE Conference on Evolving and Adaptive Intelligent Systems 2020);
 - Program committee member of ACM Global Computing Education Conference (CompEd) 2019;
 - Program and Scientific Chair of International Workshop on Higher Education Learning Methodologies and Technologies Online (HELMeTO 2019);
 - Special Session Chair of "Artificial Intelligence and Security (AISE)" in International Joint Conference on Neural Networks (IJCNN) from 2017;
 - PC member Fuzz-IEEE from 2017 to 2019;
 - Special Session Chair of Business Processes and Fuzzy Logic (BPFL) in Fuzz-IEEE from 2017 to 2019;
 - Special Session Chair and PC member ICSOFT from 2018;
 - Associate editor for IEEE Access Journal from 2018;
 - Associate editor for International Journal of Natural Computing Research (IJNCR) from 2017;
 - Associate editor for Journal of Information and Knowledge Management (JIKM) from 2016;
 - Associate editor for Journal PeerJ from 2017;
 - Reviewer IEEE Access Journal from 2017;
 - Reviewer Big Data Research Journal from 2017;
 - Reviewer Journal of Software: Evolution and Process from 2016;
 - Program committee member of 7th ACM International Conference on Web Intelligence, Mining and Semantics (WIMS) 2017;
 - Program committee member of The Twelfth International Conference on Software Engineering Advances (ICSEA) 2017;
 - Program committee member of Collective Adaptive Systems and Middleware (CASM), Special Track of the 32nd ACM Symposium on Applied Computing (SAC) 2017;
 - Program committee member of the ACM Symposium on Applied Computing (SAC) 2016;
 - Program committee member of the Special Session on Process Mining of CIDM from 2015;
 - Program committee member for 2nd International Conference on Fuzzy System and Data Mining (FSDM 2016)
 - Program committee member of the Special Session on Process Mining of the ICSOC Workshop about Decision and Rule Mining (DRUM 2015);
 - Program committee member of IEEE Symposium Series on Computational Intelligence from 2014;
 - Program committee member of IEEE Congress on Evolutionary Computation dal 2014;
 - Program committee member of Conference on Software Engineering and Applications (ICSOFT-EA) from 2013;
 - Program committee member of the International Conference on Software Paradigm Trends (ICSOFT-PT) from 2013;
 - Reviewer IEEE World Congress on Computational Intelligence (IEEE WCCI);
 - Program committee member of the ACM International Conference on Systems, Programming, Languages and Applications: Software for Humanity (SPLASH 2013);
 - Program committee member of the International Conference on Software Paradigm Trends (ICSOFT) from 2009 to 2012;

- Program committee member of the 14th IEEE International Symposium on Web Systems Evolution (WSE 2012);
- Program committee member of the International Conference on Software Paradigm Trends (IASTED 2012);
- Program committee member of the Conference on Information, Process, and Knowledge Management, IARIA;
- Program committee member of the 4th International Conference on Digital Society (ICDS 2010);
- Program committee member of the Conference ITAIS2008;
- Reviewer for International Conference on Software Maintenance (ICSM) from 2006 to 2008;
- Reviewer for 11th European Conference on Software Maintenance and Reengineering, (CSMR 2007);
- Reviewer for International Conference on Software Engineering and Knowledge, (SEKE) from 2007 to 2008;
- Reviewer for Software Engineering and Applications Conference (IASTED SEA 2006);
- Reviewer for 13th Working Conference on Reverse Engineering (WCRE 2006).

Best paper Awards

- Mario Luca Bernardi, Marta Cimitile, Fabio Martinelli, Francesco Mercaldo, Game bot detection in online role player game through behavioural, 12th International Conference on Software Technologies (ICSOFT), 2017
- Mario Luca Bernardi, Marta Cimitile, and Fabrizio Maria Maggi: Automated development of constraint-driven web applications, 2016 ACM Symposium on Applied Computing (SAC 2016), 2016
- Mario Luca Bernardi, Marta Cimitile, Giuseppe De Ruvo, Giuseppe A. Di Lucca, Antonella Santone: Model Checking to Improve Precision of Design Pattern Instances Identification in OO Systems. ICSOFT-PT 2015: 53-63
- Mario Luca Bernardi, Marta Cimitile, Chiara Di Francescomarino, and Fabrizio Maria Maggi. Using discriminative rule mining to discover declarative process models with non-atomic activities In RuleML, pages 281-295, 2014
- Pasquale Ardimento, Maria Teresa Baldassarre, Marta Cimitile, and Giuseppe Visaggio. Empirical validation on knowledge packaging supporting knowledge transfer. In Proceeding of the 2th International Conference on Software and Data Technologies (ICSOFT 2007), pages 212 - 218, 2007
- Boffoli Nicola, Cimitile Marta, Maggi Fabrizio M., and Visaggio Giuseppe. An approach to digital business ecosystems based on process models. In Alessandro D' Atri, Marco De Marco, Alessio Maria Braccini, and Francesca Cabiddu, editors, Management of the Interconnected World, pages 511 - 518. Physica-Verlag HD, 2010.

Teaching

Academic Years 2018-2019:

- Enterprise Information Management, CLEMI Master's Degree Unitelma Sapienza University, Italy
- Information Systems, CLEA Bachelor's Degree, Unitelma Sapienza University, Italy
- Data Mining, CLEMI Master Degree, Unitelma Sapienza University, Italy
- IT for E-Procurement. Master in Organization, management, innovation in PA, Unitelma Sapienza University, Italy

- Electronic Health. Master in Management and Health, Unitelma Sapienza University, Italy
- IT for E-Government. Master in Governance, management, e-government for PA, Unitelma Sapienza University, Italy
- IT for office and teaching activity, IRSAF

Academic Years 2016-2017, 2017-2018:

- Enterprise Information Management, CLEMI Master's Degree, Unitelma Sapienza University, Italy
- Information Systems, CLEA Bachelor's Degree, Unitelma Sapienza University, Italy
- Computational Statistics and Data Mining, CLEMI Master Degree, Unitelma Sapienza University, Italy
- IT for E-Procurement. Master in Organization, management, innovation in PA, Unitelma Sapienza University, Italy
- Electronic Health. Master in Management and Health, Unitelma Sapienza University, Italy
- IT for E-Government. Master in Governance, management, e-government for PA, Unitelma Sapienza University, Italy
- IT for office and teaching activity, IRSAF

Academic Years 2011-2012, 2012-2013, 2012-2014, 2014-2015

- Management Information Systems. Faculty of Economics, Unitelma Sapienza University, Italy
- Fundamentals of Computer Systems. Faculty of Jurisprudence, Unitelma Sapienza University, Italy
- Information Systems for PA. Faculty of Jurisprudence, Unitelma Sapienza University, Italy
- IT for E-Procurement. Master in Organization, management, innovation in PA, Unitelma Sapienza University, Italy
- Electronic Health. Master in Management and Health, Unitelma Sapienza University, Italy
- IT for E-Government. Master in Governance, management, e-government for PA, Unitelma Sapienza University, Italy
- IT for office and teaching activity, IRSAF

Academic Year 2011-2012

- Object oriented programming. Department of Engineering, IOL, University of Tor Vergata, Roma
- Academic Years 2009-2010 and 2010-2011

- Management Information Systems. Faculty of Economics, Unitelma Sapienza University, Italy
- Fundamentals of Computer Systems. Faculty of Jurisprudence, Unitelma Sapienza University, Italy

Academic Year 2009-2010

- Digital Business Ecosystem (DBE) Management, Progetto MUR - Centro di Competenza ICT SUD
- Teacher assistant for the course of Software Engineering, Experimental methods, Quality Models. Department of Computer Science and TPS at University of Bari
- Introduction to the Technology Innovation Process and Business Processes. Progetto Innovation Management, PROGRAMMA FIxO FORMAZIONE ED INNOVAZIONE PER L'OCCLUSIONE - Azione 3
- Information Systems and contract center, POR PUGLIA 2000-2006- Misura 4.20
- Management of Smart Supply chain systems in SME (Tecnico per la Gestione di Sistemi Logistici Intelligenti nelle Pmi)

Academic Year 2008-2009

- Management Information Systems. Faculty of Economics, TELMA University, Italy

Academic Year 2007-2008

- Management Information Systems. Faculty of Economics, TELMA University, Italy
- Fundamentals of Knowledge Management, Experience Factory e Open Innovation, Progetto CNOS -CoNOscenza per lo Sviluppo e Manutenzione Rapidi MIUR: n. 80 del 7/1/2003 Academic Years 2004-2005, 2005-2006, 2006-07
- Teacher assistant for the course of Software Engineering, Experimental methods, Quality Models. Department of Computer Science and TPS at University of Bari

Research and industrial projects

e-Brewery-Virtualizzazione, sensing e IoT per l'innovazione del processo produttivo industriale delle bevande

Description: The project aims to define new production models for an intelligent factory, based on the innovative paradigm of the "slicing" of a production plant. Thanks to this paradigm, sensors, actuators and IoT devices located in a production plant, the SW resources to support the operation of an intelligent factory (programs, applications, processes), will be virtualized and their specialized functions and dynamically composed to make facing particular (present and future) production needs identified. Committer: Ministry of Education, University and Research, Directorial Decree n.2290 of 12 September 2018 as part of the Notice for the presentation of Industrial Research and Experimental Development projects in the 12 areas of specialization identified by the PNR 2015-2020

Partecipants: CeRICT, ARTEMAT srl, Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT), SIRFIN societ  per azioni, SMARTS srl, CHROMALEONT srl, WILD ORANGE srl, Consiglio nazionale delle ricerche (CNR), Universit  degli Studi "Mediterranea" di Reggio Calabria

Role: CeRICT Coordinator

Link: <http://www.cerict.it/it/progetti-nazionali-in-corso/532-e-brewery.html>

Anno: 2018-2022

NANOPhotonics for the fight against CANcer (NANOCAN)

Description: The main goal concerns the development of innovative platforms for the theranostics based on advanced fiber optic technology, through a single device, obtained by integration of various multifunctional fiber probes, engineered for the specific application e integrated into medical needles. It will be possible to have a single instrument capable of performing simultaneously diagnosis and therapy, ie teranostics, in vivo. Committer: Regione Campania, POR CAMPANIA FESR 2014/2020

Partecipants: Centro Regionale Information Communication Technology scr (CERICT), Universita' degli Studi del Sannio, Istituto nazionale delle Ricerche-Istituto per i Polimeri, Istituto Nazionale Tumori-Istituto G. Pascale, Compositi e Bionateriali, Teoresi group Spa, Biopox srl, Tecno Bios srl.

Role: Data Mining Supervisor- CERICT

Year: 2018-today.

Augmenting the Web-based learning experience with recommendations from multiple sources
Description: Implementation and realization of Unitelma Sapienza E-Learning Platform integrated with recommendation algorithms.

Committer: Unitelma Sapienza

Partecipants: Laboratorio de Investigacion y Formacion en Informatica Avanzada, National University of La Plata, Argentina, Department of Cooperative Information Systems, Johannes Kepler University (JUK), Universita' Giustino Fortunato (Italy)

Role: Ricercatore partecipante.
Year: 2016-2017.

TEMOTEC-TEcnologie e MOdelli per la Tutela degli Ecosistemi Culturali

Description: PON European project for the implementation of a platform to preserve the cultural heritage

Committer: Unitelma Sapienza Role: Process Mining area director

Year: 2016-2018.

Quantitative methods for Process Conformance Checking

Description: The project defines a Process Mining (PM) approach for process conformance checking

Committer: Unitelma Sapienza Role: Principal Investigator and Project Coordinator

Year: 2015-2016

Process Discovery from Streaming Event Log

Description: The project defines a Process Mining (PM) approach for real time extraction of knowledge about activities performed by the users of an Information System. Committer: Unitelma Sapienza, University of Tartu and University of Padua

Role: Principal Investigator and Project Coordinator

Year: 2013-2015

MODERN

Description: The project aims to investigate and introduce new methodologies and approaches for process innovation in industrial context according to the Enterprise 2.0 paradigm

Committer: PON Ricerca e Competitivita' 2007-2013

Link: <http://www.cmpa.it/images/pdf/MODERN.pdf>

Role: Participating Researcher

Year: 2007-2013

EPHI (Erp Process Hlding)

Description: The project aims to develop a Knowledge Factoring supporting ERP application development

Committer: Abaco Software e Consulting and Ministero delle attivita' produttive

Role: Participating Researcher

Year: 2005-2008

DIPIS (DIstributed Production as Innovative System)

Description: It is an Apulia Region Strategic Project project aiming to improve competitiveness and productivity of ICT enterprises in Software development. The Software development must be oriented to the integration and cooperation among legacy applications of a company with all its related organizations

Committer: Apulia Region Strategic Project

Link: <http://www.ordingtaranto.it/bando-progetto-dipis/>

Role: Participating Researcher

Year: 2006-2010

ARTDECO (Adaptive infrastRucTures for DECentralised Organisations)

Description: The project aims at developing techniques and methods for the diffusion of "networked enterprises" among the Italian Small and Medium Enterprises, testing the proposed approach in association with companies working in two test fields (food and textile/fashion) during all the phases of the project, from the initial definition of requirements to the development of prototypes/demonstrators, through a flexible and iterative process, where the technological development advances together with knowledge acquisition and with the refinement of network mechanisms. To pursue such results, the research consists of three, tightly coupled macro-goals: Organization and business models for networked enterprises; Acquisition, modeling and automatic management of business knowledge derived from heterogeneous sources, including natural language; Technological autonomous pervasive infrastructure, based on smart peripheral devices (Wireless Sensor Networks and RFID)

Committer: FIRB Project

Link: <http://artdeco.elet.polimi.it>

Role: Participating Researcher

Year: 2005-2010

CNOS (Conoscenza per lo Sviluppo e la Manutenzione Rapida) Description: It is a MIUR project aiming to model, collect and manage the knowledge and experience for a more rapid and easy development and maintenance of software applications

Committer: Fondo Agevolazioni per la Ricerca (FAR) - D.Lgs. N. 297/1999 (D.M. 8 agosto 2000, n. 593)

Role: Participating Researcher Year: 2006-2008

LEGOM (LEGal Office Management) Description: The project aims to realize and test a Product Line approach for the Software development

Committer: Cartesio s.p.a and by Ministero delle Attività Produttive

Role: Participating Researcher

Year: 2005

LORIET (LOw Risk Enterprise Transformation)

Description: The project aims to develop a Experience Factory for Software project risk management.

Committer: EDS-Italia and Ministero dell' Università e della Ricerca Scientifica e Tecnologica

Role: Participating Researcher

Year: D.M. 8 agosto 2000, n. 593

PHD schools

- Padova, from 5 to 14 September 2006, GII Summer School
- Bressanone, from 12 al 16 Settembre 2005, AiIG Summer School, in Business Engineering XIII edition

Stage and Foreign Experiences

- From 1 January 2003 to 30 November 2003: Stage at Computer Science Corporation, Roma. The stage aims to study the criticalities of Customer Relationship Management (CRM) technologies implementation and transferring in an industrial context
- From July to October 2007: Stage at Dilithium Inc. (<http://www.crunchbase.com/company/dilithium->

networks) in Petaluma, San Francisco (California), Dilithium Inc. is leader in video for mobile networks, broadband and Internet. I was involved in the study of strategies for innovation and technology transferring in Italian market. I was also involved in CRM management activities

- From January to February 2014: Visiting at University of Tartu. The visiting was finalized to perform the activities described and financed by the research project "Process Discovery from Streaming Event Log"

Knowledge transferring activities

- Member of IEEE Task Force on Process Mining
- Founding member of the SpinOff of University of Bari named Software Engineering Research and Practices s.r.l. (www.serandp.com). The enterprise aims to transfer the research results in the industrial context
- Collaboration at the start up activities of Centro di Competenza DAISY-NET (www.daisy-net.com), financed by MIUR (Misura II.3 "Centri di Competenza Tecnologica" del Programma Operativo Nazionale (PON))

Publications

Journals

- [1] Pasquale Ardimento, Lerina Aversano, Mario Luca Bernardi, Marta Cimitile, Martina Iammarino, Just-in-Time Software Defect Prediction using Deep Temporal Convolutional Networks, Neural Computing and Applications, Elsevier 2021.
- [2] Pasquale Ardimento, Lerina Aversano, Mario Luca Bernardi, Marta Cimitile, Martina Iammarino, Temporal convolutional networks for just-in-time design smells prediction using fine-grained software metrics, Neurocomputing, Elsevier 2021.
- [3] Aversano, Lerina and Bernardi, Mario Luca and Cimitile, Marta and Pecori, Riccardo and Veltri, Luca, Effective Anomaly Detection Using Deep Learning in IoT Systems, Wireless Communications and Mobile Computing, Hindawi-Springer, 2021.
- [4] Aversano, L., Bernardi, M.L., Cimitile, M., Pecori, R., Deep Neural Networks Ensemble to detect COVID-19 from CT Scans, Pattern Recognition, Elsevier, 2021.
- [5] Aversano, L., Bernardi, M.L., Cimitile, M., Pecori, R., Continuous authentication using deep neural networks ensemble on keystroke dynamics, PeerJ Computer, 2021.
- [6] Aversano, L., Bernardi, M.L., Cimitile, M., Pecori, R., A systematic review on Deep Learning approaches for IoT security, Computer Science Review, 2021, 40, 100389
- [7] Pia Addabbo and Mario Luca Bernardi and Filippo Biondi and Marta Cimitile and Carmine Clemente and Danilo Orlando, Temporal Convolutional Neural Networks for Radar Micro-Doppler Based Gait Recognition, Sensors, vol. 21, number 2, 2021.
- [8] P. Ardimento and L. Bernardi and M. Cimitile Software Analytics to Support Students in Object-Oriented Programming Tasks: An Empirical Study, IEEE Access, 2020.

- [9] Antonio Angrisano and M. L. Bernardi and M. Cimitile and S. Gaglione and M. Vultaggio, Identification of walker identity using smartphone, IEEE Access, 2020.
- [10] Ardimento, Pasquale and Bernardi, Mario Luca and Cimitile, Marta and Ruvo, Giuseppe De, Reusing Bugged Source Code to Support Novice Programmers in Debugging Tasks, ACM Transaction on Computing Education, November 2019, ACM, New York, NY, USA. This paper was selected as Journal first paper and authors were invited to present it at SIGCSE 2020.
- [11] Mario Luca Bernardi, Marta Cimitile, Damiano Distanto, Fabio Martinelli, and Francesco Mercaldo, Dynamic Malware Detection and Phylogeny analysis using Process Mining, International Journal of Information Security (IJIS) published by Springer, 2018.
- [12] Mario Luca Bernardi, Marta Cimitile, Fabio Martinelli, and Francesco Mercaldo, Driver and Path Detection through Time-Series Classification. Journal of Advanced Transportation, vol. 2018, Article ID 1758731, 20 pages, 2018. <https://doi.org/10.1155/2018/1758731>
- [13] Mario Luca Bernardi, Marta Cimitile, Francesco Mercaldo, Cross-organizational Process Mining in Cloud Environments. Journal of Information & Knowledge Management, World Scientific, 2018.
- [14] Mario Luca Bernardi, Marta Cimitile, Chiara Di Francescomarino, Fabrizio Maria Maggi, Do activity lifecycles affect the validity of a business rule in a business process? Information Systems, Volume 62, December 2016, Pages 42-59, ISSN 0306-4379, <http://dx.doi.org/10.1016/j.is.2016.06.002>.
- [15] Bernardi Mario Luca, Cimitile Marta, and Giuseppe Antonio Di Lucca. Mining static and dynamic crosscutting concerns: a role based approach. Journal of Software: Evolution and Process, 2016.
- [16] Andrea Burattin, Marta Cimitile, Fabrizio Maria Maggi, and Alessandro Sperduti. Online discovery of declarative process models from event streams. IEEE Transaction on Services Computing, 8(6):833–846, 2015.
- [17] Mario Luca Bernardi, Marta Cimitile, and Giuseppe A. Di Lucca. Design pattern detection using a dsl-driven graph matching approach. Journal of Software: Evolution and Process, 26(12):1233–1266, 2014.
- [18] Gerardo Canfora, Luigi Cerulo, Marta Cimitile, and Massimiliano Di Penta. How changes affect software entropy: an empirical study. Empirical Software Engineering, 19(1):1–38, 2014.
- [19] Mario Luca Bernardi, Marta Cimitile, and Damiano Distanto. Web applications design recovery and evolution with RE-UWA. Journal of Software: Evolution and Process, 25(8):789–814, 2013.
- [20] Pasquale Ardimento, Maria Teresa Baldassarre, Marta Cimitile, and Giuseppe Visaggio. Empirical validation of knowledge packages as facilitators for knowledge transfer. Journal of Information & Knowledge Management, 08(03):229–240, 2009.

- [21] Pasquale Ardimento, Danilo Caivano, Marta Cimitile, and Giuseppe Visaggio. Empirical investigation of the efficacy and efficiency of tools for transferring software engineering knowledge. *Journal of Information & Knowledge Management (JIKM)*, 7(3):197–207, 2008.
- [22] Ardimento Pasquale, Cimitile Marta, and Visaggio Giuseppe. Knowledge management integrated with e-learning in open innovation. *Journal of e-Learning and Knowledge Society*, 2(3), 2006.

Conferences

- [1] Gionatan Gallo, Mario Luca Bernardi, Marta Cimitile and Pietro Ducange An Explainable Approach for Car Driver Identification (2021) IEEE International Conference on Fuzzy Systems, 2021-July.
- [2] Ardimento, P., Aversano, L., Bernardi, M.L., Cimitile, M, Iammarino, M. Transfer Learning for Just-in-time Design Smells Prediction using Temporal Convolutional Networks' (2021) Proceedings - ICSOFT 2021 - Proceedings of the 16th International Conference on Software Technologies.
- [3] Aversano, L., Bernardi, M.L., Cimitile, M, Iammarino, M., Macchia P. E., Verdone C. Thyroid Disease Treatment prediction with machine learning approaches (2021) Proceedings of the 25th International Conference on Knowledge-Based and Intelligent Information Engineering Systems .
- [4] Lerina Aversano, Mario Luca Bernardi, Marta Cimitile and Martina Iammarino Technical Debt predictive model through Temporal Convolutional Network Mario Proceedings of the International Joint Conference on Neural Networks 2021.
- [5] Ardimento, P., Aversano, L., Bernardi, M.L., Cimitile, M. Deep Neural Networks Ensemble for Lung Nodule Detection on Chest CT Scans Proceedings of the International Joint Conference on Neural Networks 2021.
- [6] Pasquale Ardimento Mario Luca Bernardi, Marta Cimitile, Malware Phylogeny Analysis using Data-Aware Declarative Process Mining. In Proceeding of IEEE Conference on Evolving and Adaptive Intelligent Systems (IEEE EAIS2020).
- [7] Lerina Aversano, Mario Luca Bernardi, Marta Cimitile, Martina Iammarino and Kateryna Romanyuk Investigating on the Relationships between Design Smells Removals and Refactorings Proceedings of the 14th International Conference on Software Technologies (ICSOFT) 2020
- [8] Pasquale Ardimento, Lerina Aversano, Mario Luca Bernardi and Marta Cimitile Temporal Convolutional Networks for Just-in-Time Software Defect Prediction Proceedings of the 14th International Conference on Software Technologies (ICSOFT) 2020
- [9] Pasquale Ardimento, Lerina Aversano, Mario Luca Bernardi and Marta Cimitile Data-Aware Declarative Process Mining for Malware Detection. In Proceeding of IEEE International Joint Conference on Neural Networks (IJCNN) 2020.

- [10] Lerina Aversano, Mario Luca Bernardi, Marta Cimitile and Riccardo Pecori Early Detection of Parkinson Disease using Deep Neural Networks on Gait Dynamics In Proceeding of IEEE International Joint Conference on Neural Networks (IJCNN) 2020.
- [11] Martina Iammarino, Lerina Aversano, Mario Luca Bernardi and Marta Cimitile A Topic Modeling Approach To Evaluate The Comments Consistency To Source Code In Proceeding of IEEE International Joint Conference on Neural Networks (IJCNN) 2020.
- [12] Pasquale Ardimento Mario Luca Bernardi and Marta Cimitile Towards automatic assessment of object-oriented programs. In Proceeding of the 42th International Conference on Software Engineering ICSE 2020 (Companion Volume).
- [13] Aversano, L., Bernardi, M.L., Cimitile, M., Iammarino, M., Rondinella, S., Tomato diseases Classification Based on VGG and Transfer Learning, IEEE International Workshop on Metrology for Agriculture and Forestry, MetroAgriFor 2020.
- [14] Aversano, L., Bernardi, M.L., Cimitile, M., Pecori, R., Fuzzy neural networks to detect parkinson disease IEEE International Conference on Fuzzy Systems, 2020.
- [15] Pasquale Ardimento, Mario Luca Bernardi, Marta Cimitile On the Students' Misconceptions in Object-Oriented Language Constructs, Higher Education Learning Methodologies and Technologies Online, 2019, Springer International Publishing.
- [16] Mario Luca Bernardi, Marta Cimitile, Martinelli Fabio and Mercaldo Francesco Keystroke Analysis for User Identification using Deep Learning Networks. In Proceeding of IEEE International Joint Conference on Neural Networks (IJCNN) 2019.
- [17] Pasquale Ardimento, Mario Luca Bernardi, Marta Cimitile and Giuseppe De Ruvo Learning analytics to improve coding abilities: a fuzzy-based process mining approach. In Proceeding of IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), 2019.
- [18] Mario Luca Bernardi, Marta Cimitile and Fabrizio Maggi Evaluating Coding Behavior in Software Development Processes: A Process Mining Approach. In Proceeding of IEEE International Conference on Software and Systems Process (ICSSP), 2019.
- [19] Pasquale Ardimento, Mario Luca Bernardi, Marta Cimitile and Giuseppe De Ruvo Mining developer's behavior from web-based IDE logs. In Proceeding of 28th IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE), 2019.
- [20] Mario Luca Bernardi, Marta Cimitile, Martinelli Fabio and Mercaldo Francesco Driver Identification: a Time Series Classification Approach. In Proceeding of IEEE International Joint Conference on Neural Networks (IJCNN) 2018.
- [21] Mario Luca Bernardi, Marta Cimitile, Fabio Martinelli, and Francesco Mercaldo, A Machine Learning Approach for Game Bot Detection through Behavioural Features Communications in Computer and Information Science (CCIS) published by Springer, 2018.

- [22] Giovanni Acampora, Mario Luca Bernardi, Marta Cimitile, Genoveffa Tortora and Autilia Vitiello A Fuzzy Clustering-based Approach to study Malware Phylogeny. In Proceeding of IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), 2018.
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Dichiaro di aver letto e compreso l'informativa per il trattamento dei dati dei candidati ai sensi del Reg. UE 679/2016 e presto il mio consenso per il trattamento dei dati personali, appartenenti alle categorie particolari, eventualmente contenuti nel mio curriculum vitae.

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