Fiammetta Marulli
Curriculum vitae et studiorum

GENERAL INFORMATION	
MAIN AFFILIATION	Dipartimento di Matematica e Fisica, Università della Campania "Luigi Vanvitelli", Viale Lincoln, 81100, Caserta, IT **Mobile**: + 39 3495345124 **email:** fiammetta.marulli@unicampania.it
CURRENT POSITION	• **2019-today:** Assistant Professor (RTD-A) in Computer Engineering at the Dept of Mathematics and Physics, Università della Campania "Luigi Vanvitelli" (Italy) (s.c. 09/H1; s.s.d. ING-INF/05) https://www.matfis.unicampania.it/dipartimento/docenti?MATRICOLA=057175
PAST POSITIONS	• *2016-2020: Aggregate Professor at Università degli Studi della Campania "L.Vanvitelli", Dip. di Ingegneria* • *2019: Assistant Researcher at Università degli Studi del Sannio, Dip.di Ingegneria* • *2017- 2019: Assistant Researcher at Consiglio Nazionale delle Ricerche (CNR), Istituto di Calcolo e Reti ad Alte Prestazioni (ICAR)* • *2017: Assistant Researcher at Università degli Studi di Salerno, Dip.di Scienze Politiche, Sociali e della Comunicazione* • *2013-2016: ph.D. student at Università degli Studi di Napoli "Federico II", Dip. di Ingegneria Elettrica e delle Tencologie dell'Informazione* • *2011-2012: Software Analyst & Developer at Hewlett-Packard (HP) Enterprise Services* • *2010-2011: Assistant Researcher at Università degli Studi del Sannio, Dip.di Ingegneria* • *2009-2010: Assistant Researcher at Università degli Studi del Sannio, Dip.di Ingegneria* • *2008-2009: Assistant Researcher at Università degli Studi del Sannio, Dip.di Ingegneria* • *2008-2009: Assistant Researcher at Università degli Studi del Sannio, Dip.di Ingegneria*
RESEARCH FELLOWSHIP	• *2022 → Research Fellow at St. Pölten University of Applied Sciences, Dept. of Informatic and Security*

BIBLIOMETRICS	• ORCID
	   o https://orcid.org/0000-0001-5226-2326
	• Google scholar
	   o https://scholar.google.com/citations?user=qWcC-q0AAAAJ&hl=it
	   o h-index 12, citations 666
	• Scopus
	   o https://www.scopus.com/authid/detail.uri?authorId=57203296376
	   o documents 53, h-index 11, citations 480

LANGUAGES	• Fluent speaker and writer of British English • Native speaker of Italian
EDUCATION	• **11/05/2016:** Ph.D. in Ingegneria Informatica e dell'Automazione at Università degli Studi di Napoli "Federico II" (Italy). Dissertation: "*A Knowledge Multidimensional Representation Model for Automatic Text Analysis and Generation: Applications for Cultural Heritage*" *(Lang: EN)* • **27/09/2007:** Master Laurea Degree in Computer Engineering at Università degli Studi del Sannio (110/110 e lode). Dissertation: A Semantic Layer for Wireless Sensor Network (Lang:IT)
RESEARCH	
RESEARCH INTERESTS	Her research focuses on: • *Cognitive Computing, Artificial Intelligence and Data-Driven Models, Patterns and applications into Internet of Things, Automotive, Railways, Healthcare, Cultural Heritage domains;*

	• *Computational Linguistics, Language Models, Knowledge Representation Models;*
	• *Information Retrieval, Data and Text Mining Strategies and Natural Language Processing Applications for:*
	   o *Misleading Information Early Detection and Information Literacy Support*
	   o *Offensive, insulting and non-inclusive language in social and web environments Detection*
	   o *Privacy Preservation Concerns*
	   o *Cyber-physical systems Security*
	• *Distributed and Federated Learning Patterns and Cooperative Neural Networks Models*

INTERNATIONAL and NATIONAL RESEARCH PROJECT	• **2022**: **Workpackage Leader** of the WP "Metodi ed Architetture per la Smart Maintenance" of the Italian national project "COmplex SYstem MAintenance" (COSYMA), granted by the programme "Fabbrica Intelligente" - Ministero dello Sviluppo Economico, grant#B36G21000050005 dal 10-01-2022 al 31-03-2023 • **2019**: **Investigator** in the Italian research programme PON Attrazione e Mobilità funding three years short-term research positions on the themes of safe and secure transportation systems, PON_AIM, grant #1878214-2 • **2019-2021**: Investigator in the national project "Big data Giustizia e Datawarehouse"; "Sistemi amministrativi" and "Polo unico di conservazione documentale", funded by CRUI - CINI • **2016**: **Investigator** in "MOGALI-Mobile Gaming for Literacy" (#F83G15000170002), PROGETTI OCSE-PISA DI RICERCA-AZIONE NELL'AMBITO DELLA VALUTAZIONE DEGLI APPRENDIMENTI DEGLI STUDENTI CAMPANI IN LITERACY E NUMERACY", funded by FONDO SOCIALE EUROPEO (FSE) 2007-2013, promoted by the Università degli Studi del Sannio, https://www.unisannio.it/sites/default/files/sito/ateneo/amministrazione/documenti/Magnifico%20Rettore/it/Decreto_Marulli.pdf • **2017-2019**: **Investigator** in "CONFLICT RESOLUTION WITH EQUITATIVE ALGORITHMS (CREA), JUST-JACC-EJU-AG-2016 Action grants to support national or transnational e-Justice projects, http://www.crea-project.eu/. • **2013-2016**: **Investigator** in the national PON research project "CHIS - Cultural Heritage Information System – PON03PE_00099_1", promoted by M.I.U.R. Ministero dell'Istruzione, dell'Università e della Ricerca, Ministero dello Sviluppo Economico, Databenc Scarl, Università degli Studi di Napoli Federico II, Università degli Studi di Salerno, https://databenc.it/project/chis/ • **2013-2016**: **Investigator** in the national PON research project "SNECS: Social Network Entità Centri Storici - PON03PE_00163_1 , promoted by M.I.U.R. Ministero dell'Istruzione, dell'Università e della Ricerca, Ministero dello Sviluppo Economico, Databenc Scarl, Università degli Studi di Napoli Federico II, Università degli Studi di Salerno ,https://databenc.it/project/snecs/
PARTICIPATION IN LOCAL PROJECTS	1. **PRINCIPAL INVESTIGATOR** (PI) of the LOCAL RESEARCH PROJECT "Web Artificial Intelligence for Information Literacy Dissemination – TRuth Or Lies Sources? (WAIILD TROLS)" – INTERNAL FUNDING PROGRAM "VANVITELLI per la RICERCA 2020 (V:ALERE 2020)" 2. **INVESTIGATOR** of the LOCAL RESEARCH PROJECT "ANDROIDS" – INTERNAL FUNDING PROGRAM "VANVITELLI per la RICERCA 2019 (V:ALERE 2019)"

PRIVATE FUNDED PROJECTS	1. **Principal Investigator in the Research Project between** Dipartimento di Matematica e Fisica at Università degli Studi della Campania " L.Vanvitelli" and GEMATICA s.r.l (12 months), from 28-01-2022 to 27-01-2023, concerning Artificial IntelligenceMethods and Applications in the following domains:
	   a. Cyber Security and Machine Learning Resilience
	   b. Natural Language Processing applied to Fake News and Misleading Information Detection;
	   c. Distributed and Cooperative Learning (Federated Learning)

EDITORS IN INTERNATIONAL JOURNALS	• **2021-today:** Guest editor of the special issue on "Next Generation of Secure and Resilient Healthcare Data Processing" – Sensors – MDPI (https://www.mdpi.com/journal/sensors/special_issues/NGSRHDP#info) • **2019-2021:** Guest editor of the special issue on Security and Trust in Next Generation Cyber-Physical Systems – Electronics – MDPI (https://www.mdpi.com/journal/electronics/special_issues/Next_Generation_CPS)
CHAIR OR CO-CHAIR OF INTERNATIONAL EVENTS	• **2022:** Special Session Chair at IEEE International Joint Conference on Neural Networks 2022 (**IJCNN2022**); Special Session Title: "Federated Learning and Cooperative Neural Networks (CoNN)" (IJCNN-SS-9), https://wcci2022.org/accepted-special-sessions/ • **2022:** Special Session Co-Chair at **FUZZ-IEEE 2022**; Special Session Title: "Cybersecurity in Complex Environments" (FUZZ-SS-15), https://wcci2022.org/accepted-special-sessions/ • **2022**: Invited Special Session Chair at 14th International KES Conference 2022 – Intelligent Decision Technologies (KES-IDT22) ; Special Session Title: "IS14: Fake News and Information Literacy: Current State, Open Issues and Challenges in Automatic and AI- based Detection, Generation and Analytical Support Systems", http://idt-22.kesinternational.org/cmsISdisplay.php • **2022:** Invited Special Session Chair at 26th International Conference on Knowledge Based and Intelligent information and Engineering Systems (KES2022); Special Session Title: "IS18: Federated Learning: Advances and Open Challenges in Distributed and Cooperative Learning Models", http://kes2022.kesinternational.org/cmsISdisplay.php • **2022:** Workshop Chair at 2022 IEEE International Conference on Cyber Security and Resilience 2022 (IEEE CSR 2022) - Workshop on Resilient Artificial Intelligence (RAI), https://www.ieee-csr.org/rai/ • **2021:** Special Session Chair at IEEE International Joint Conference on Neural Networks 2021 (**IJCNN2021**); Special Session Title: "Federated Learning and Cooperative Neural Networks (CoNN)" (IJCNN-S18), https://www.ijcnn.org/special-sessions-2021 • **2021**: Workshop Chair at 2021 IEEE International Conference on Cyber Security and Resilience 2021 (**IEEE CSR 2021**) - Workshop on Resilient Artificial Intelligence (RAI); • **2021**: Special Session Chair at the 6th International Conference on Internet of Things, Big Data and Security (**IOTBDS2021**); "Special Session on Artificial Intelligence for Emerging IoT Systems: Open Challenges and Novel Perspectives -AI4EIoTs 2021", https://iotbds.scitevents.org/SpecialSessions.aspx?y=2021 • **2020**: Special Session Chair at the 5th International Conference on Internet of Things, Big Data and Security (**IOTBDS2020**) – "Special Session on Artificial Intelligence for Emerging IoT Systems: Open Challenges and Novel Perspectives -AI4EIoTs 2020", https://iotbds.scitevents.org/SpecialSessions.aspx?y=2020
CONFERENCE PARTICIPATION as Lecturer	• 2010: Speaker at International Conference on ENTERprise Information Systems, CENTERIS 2010, Vian do Castelo, Portugal, 20 October 2010 through 22 October 2010, presenting the paper "Recovering traceability links between business activities and software components "; • 2013: Speaker at 2013 International Conference on Indoor Positioning and Indoor Navigation, IPIN 2013, Montbeliard-Belfort, 28 October 2013 through 31 October 2013, presenting the paper "A "smart" multimedia guide for indoor contextual navigation in Cultural Heritage applications"; • 2015: Speaker at the 1st International Conference on Future Access Enablers for Ubiquitous

	and Intelligent Infrastructures, FABULOUS 2015, Ohrid, 23 September 2015 through 25 September 2015, presenting the paper "IoT to enhance understanding of cultural heritage: Fedro authoring platform, artworks telling their fables "; • 2015: Speaker at the 11th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2015, Bangkok, 23 November 2015 through 27 November 2015, presenting the paper "What's the Matter with Cultural Heritage Tweets? An Ontology - Based Approach for CH Sensitivity Estimation in Social Network Activities "; • 2016: Speaker at the International Conference on Internet of Things and Big Data, IoTBD 2016, Rome, 23 April 2016 through 25 April 2016, presenting the paper "The Internet of speaking things and its applications to cultural heritage "; • 2016: Speaker at the 10th IEEE International Conference on Semantic Computing, ICSC 2016, Laguna Hills, 3 February 2016 through 5 February 2016, presenting the paper "Cultural Heritage and Social Pulse: A Semantic Approach for CH Sensitivity Discovery in Social Media Data"; • 2016: Speaker at the 5th International Conference on Arts and Technology, ArtsIT 2016 and 1st International Conference on Design, Learning and Innovation, DLI 2016, Esbjerg, 2 May 2016 through 3 May 2016, presenting the paper "The imitation game to cultural heritage: A human-like interaction driven approach for supporting art recreation"; • 2017: Speaker at the 2nd International Conference on Internet of Things and Cloud Computing, ICC 2017, Cambridge, 22 March 2017 through 23 March 2017, presenting the paper "Internet of things for driving human-like interactions: A case study for cultural smart environment"; • 2018: Speaker at the 11th International KES Conference on Intelligent Interactive Multimedia: Systems and Services, KES-IIMSS 2018, Gold Coast, 20 June 2018 through 22 June 2018, presenting the paper "A comparison of character and word embeddings in bidirectional LSTMs for POS tagging in Italian"; • 2019: Speaker at the 51st Summer Computer Simulation Conference, SCSC 2019, Held at the Summer Simulation Conference, SummerSim 2019, Berlin, 22 July 2019 through 24 July 2019, presenting the paper "Adversarial deep learning for energy management in buildings"; • 2020: Speaker at the 5th International Conference on Internet of Things, Big Data and Security, IoTBDS 2020, presenting the paper "Privacy regulations challenges on data-centric and iot systems: A case study for smart vehicles"; • 2020: Speaker at the Workshops of the 34th International Conference on Advanced Information Networking and Applications, WAINA 2020, Caserta, 15 April 2020 through 17 April 2020, presenting the paper "A Security-Oriented Architecture for Federated Learning in Cloud Environments"; • 2020: Speaker at the 2020 International Joint Conference on Neural Networks, IJCNN 2020Virtual, Glasgow, 19 July 2020 through 24 July 2020, presenting the paper "Enhanced Privacy and Data Protection using Natural Language Processing and Artificial Intelligence" • 2021: Speaker at the 2021 International Joint Conference on Neural Networks, IJCNN 2021Virtual, Shenzhen, 18 July 2021 through 22 July 2021, presenting the paper "Exploring a Federated Learning Approach to Enhance Authorship Attribution of Misleading Information from Heterogeneous Sources"; • 2021: Speaker at the 25th KES International Conference on Knowledge-Based and Intelligent Information and Engineering Systems, Szczecin, 8 September 2021 through 10 September 2021, presenting the paper "Exploring data and model poisoning attacks to deep learning-based NLP systems"
INVITED TALKS	• Invited Speaker at Technical Workshops within the RICHMOND SECURITY DIRECTOR FORUM 2022 Edition (Gubbio(IT), 2022, 12-14th June), invited as Steering Committee and Fellow of the National Work Group on the Artificial Intelligence for CyberSecurity (AI4Cybersecurity) and Associazione Italiana per l'Intelligenza Artificiale (AixIA), https://www.richmonditalia.it/eventi/security-director-forum/
PROGRAM COMMITTEE	• TPC Member of WCCI 2022 International Conference • TPC Member of IJCNN 2022 International Conference

MEMBER OF INTERNATIONAL SCIENTIFIC EVENTS (LAST 6 Years)	- TPC Member of IJCNN 2021 International Conference - TPC Member of IJCNN 2020 International Conference - TPC Member of IJCNN 2019 International Conference - TPC Member of IJCNN 2018 International Conference - TPC Member of KES INTERNATIONAL 2022 Conference - TPC Member of KES INTERNATIONAL 2021 Conference - TPC Member of KES INTERNATIONAL 2020 Conference - TPC Member of KES INTERNATIONAL 2019 Confernce - TPC Member of IEEE CSR Conference 2021 - TPC Member of IEEE CSR Conference 2022 - TPC Member of IoTBDS Conference Series (2016-2021) - TPC Member of ACL – IJCNLP 2021 - TPC Member NACL 2021 Conference
SELECTED ACTIVITY OF REVIEW FOR INTERNATIONAL JOURNALS	- ACM: ACM Transactions on Computer-Human Interaction; ACM Transactions on Information Systems; - ELSEVIER: Expert Systems with Applications (ESWA); Applied Soft Computing (ASOC); Future Generation Computer Systems (FGCS); Journal of Parallel and Distributed Computing(JPDC); Systems and Soft Computing (SASC); Journal of King Saud University - Computer and Information Sciences; Informatics in Medicine Unlocked (IMU); - IEEE: IEEE access, IEEE Transaction on Intelligent Transportation Systems; - Springer: Neural Computing and Applications(NCAA); Soft Computing(SOCO); - MDPI: Future Internet; Electronics; Sensors; Journal of Sensor and Actuator Networks (JSAN); Applied System Innovation(ASI); Applied Sciences;

DIDACTIC ACTIVITIES

TEACHING ACTIVITIES INSIDE DOCTORAL PROGRAMMES	2017/2018: Lecturer at Ph.D Course in "Ingegneria Industriale e dell'Informazione - XXXIII ciclo", at Dept. of Ingegneria, Università degli Studi della Campania " L. Vanvitelli": - Duration: 24 hours (4 CFU) - Teaching Title: "Competenze Avanzate in Reti Neurali e Deep Learning". - Time Period: [01-03-2018 al 31-05-2018] - Language: ITALIAN/ENGLISH 2019/2020: Lecturer at Ph.D Course in MATEMATICA, FISICA E APPLICAZIONI PER L'INGEGNERIA - XXXV ciclo", at Dept. of Matematica e Fisica, Università degli Studi della Campania " L. Vanvitelli": - Duration: 24 hours (4 CFU) - Teaching Title: " Fundamentals of Python for Advanced Data Analysis". - Time Period: [02-03-2020 - 03-06-2020] - Language: ENGLISH 2020/2021: Lecturer at Ph.D Course in MATEMATICA, FISICA E APPLICAZIONI PER L'INGEGNERIA - XXXVI ciclo", at Dept. of Matematica e Fisica, Università degli Studi della Campania " L. Vanvitelli": - Duration: 12 hours (2 CFU) - Teaching Title: " Basics of Deep Learning and Neural Networks in Python ". - Time Period: [01-09-2021 - 10-09-2021] - Language: ENGLISH

	2021/2022: Lecturer at Ph.D Course in "MATEMATICA, FISICA E APPLICAZIONI PER L'INGEGNERIA - XXXVII ciclo", at Dept. of Matematica e Fisica, Università degli Studi della Campania " L. Vanvitelli": • Duration: 12 hours (2 CFU) • Teaching Title: " Basics of Deep Learning and Neural Networks in Python ". • Time Period: [04 - 04 -2022 → ongoing] • Language: ENGLISH
TEACHING ACTIVITIES AT UNIVERSITA' DELLA CAMPANIA/ ATTIVITA' DIDATTICA SVOLTA PRESSO L' UNIVERSITÀ DELLA CAMPANIA	**A.Y. 2021-2022:** • Lecturer of "Object Oriented Programming" at the Bachelor Degree Programme in Data Analytics (6 CFU), Dept. of Maths and Physics • Lecturer of "Database & Information Systems" at the Bachelor Degree Programme in Data Analytics (6 CFU), Dept. of Maths and Physics • Lecturer of "Python Programming Basics" at the Bachelor Degree Programme in "Mathematics" (2 CFU), Dept. of Maths and Physics **A.Y. 2020-2021:** • Lecturer of "Object Oriented Programming" at the Bachelor Degree Programme in Data Analytics (6 CFU), Dept. of Maths and Physics • Lecturer of "Database & Information Systems" at the Bachelor Degree Programme in Data Analytics (6 CFU), Dept. of Maths and Physics • Lecturer of "Python Programming Basics" at the Bachelor Degree Programme in "Mathematics" (2 CFU), Dept. of Maths and Physics **A.Y. 2019-2020:** • Lecturer of "Fundamentals of Programming" at the Bachelor Degree Programme in Data Analytics (3 CFU), Dept. of Maths and Physics • Lecturer of "Fundamentals of Programming" at the Bachelor Degree Programme in "Mathematics" (2 CFU), Dept. of Maths and Physics • Lecturer of "Python Programming Basics" at the Bachelor Degree Programme in "Mathematics" (4 CFU), Dept. of Maths and Physics • Lecturer of "Building Information Technology" at the Bachelor Degree Programme in "Tecniche per l'Edilizia, il Territorio e l'Ambiente" (6 CFU), Dept. of Engineering **A.Y. 2018-2019:** • Lecturer of "Fundamentals of Informatics" at the Bachelor Degree Programme in "Civil Engineering" (6 CFU), Dept. of Engineering • Lecturer of "Software Engineering and Information Systems" (ISSI) at the Bachelor Degree Programme in "Computer Engineering" (3 CFU), Dept. of Engineering **A.Y. 2017-2018:** • Lecturer of "Fundamentals of Informatics" at the Bachelor Degree Programme in "Civil Engineering" (6 CFU), Dept. of Engineering • Lecturer of "Software Engineering and Information Systems" (ISSI) at the Master Degree Programme in "Computer Engineering" (3 CFU), Dept. of Engineering **A.Y. 2016-2017:** • Lecturer of "Software Engineering and Information Systems" (ISSI) at the Master Degree Programme in "Computer Engineering" (3 CFU), Dept. of Engineering **A.Y. 2015-2016:** • Lecturer of "Software Engineering and Information Systems" (ISSI) at the Master Degree Programme in "Computer Engineering" (3 CFU), Dept. of Engineering

TEACHING ACTIVITIES AT OTHER INSTITUTIONS/ ATTIVITA' DIDATTICA ISTITUZIONALE SVOLTA PRESSO ALTRI ATENEI	**A.Y. 2016/2017: Lecturer** (SSD ING-INF/05) of "Information Systems and Artificial Intelligence" (6 CFU), at the Bachelor Degree Programme in Informatics, Università degli Studi del Molise; **A.Y. 2013- 2016:** Lecturer of "Information Systems" at the Master Degree in Computer Engineering (9 CFU), Dept. of Ingegneria Elettrica e delle Tecnologie dell'Informazione (DIETI), Università degli Studi di Napoli "Federico II"; **A.Y. 2013- 2016:** Lecturer of "Fundamentals of Informatics I" at the Bachelor Degree in Computer Engineering (6 CFU), Dept. of Ingegneria Elettrica e delle Tecnologie dell'Informazione (DIETI), Università degli Studi di Napoli "Federico II"; **A.Y. 2012-2013:** Lecturer of "Logic Networks and Electronic Computers" (6 CFU) at the Bachelor Degree in Computer Engineering, Dept. of Engineering, Università degli Studi del Sannio; **A.Y. 2009-2010:** Lecturer of: o "Network Security" (6 CFU) at at the Master Degree in Computer Engineering (9 CFU), Dept. of Engineering, Università degli Studi del Sannio; o "Advanced Computer Network Architectures" (6 CFU) at at the Master Degree in Computer Engineering, Dept. of Engineering, Università degli Studi del Sannio; o "High Performance Computing and Systems" (6 CFU) at at the Master Degree in Computer Engineering, Dept. of Engineering, Università degli Studi del Sannio; o "Programmazione I" (6 CFU) at the Bachelor Degree in Computer Engineering, Dept. of Engineering, Università degli Studi del Sannio;
NON-INSTITUTIONAL TEACHING/ ATTIVITA' DIDATTICA NON ISTITUZIONALE (ENTI e ORGANIZZAZIONI PRIVATE e/o CONSORZIATE con ISTUTUZIONI ACCADEMICHE)	**2021:** Senior Lecturer of Python Basics and Advanced at the Python Academy 2021 Edition, hosted by Bit4Id s.r.l., Via Diocleziano 107, Napoli, teaching duration = 32 hours **2019:** Senior Lecturer of Python Fundamentals and Advanced Concept at the Python Academy 2019 Edition, hosted by Bit4Id s.r.l., Via Diocleziano 107, Napoli, teaching duration = 51 hours **2016:** Senior Lecturer at MASTER ALTA FORMAZIONE "ICT PER I BENI CULTURALI" DISTRETTO DATABENC" funded by the National PON Research Project "CHIS - Cultural Heritage Information System – PON03PE_00099_1", Teaching Module "A13 LA PIATTAFORMA CHIS PER LA PRODUZIONE E GESTIONE DELLA CONOSCENZA", held at Università degli Studi di Napoli Federico II – COINOR, teaching duration = 48 hours. **2016:** Senior Lecturer at MASTER ALTA FORMAZIONE " Management della valorizzazione culturale e turistica del territorio smart " DISTRETTO DATABENC" funded by the National PON Research Project "SNECS: Social Network Entità Centri Storici PON03PE_00163_1", Teaching Module "A15 LA PIATTAFORMA SNECS PER LA PRODUZIONE E GESTIONE DELLA CONOSCENZA", held at Università degli Studi di Napoli Federico II – COINOR, teaching duration = 25 hours.

SCIENTIFIC PUBLICATIONS

INTERNATIONAL JOURNALS *(14 papers)*	
	2022. **[J1]** Bobbio, A., Campanile, L., Gribaudo, M., Iacono, M., Marulli, F., & Mastroianni, M. (2022). A cyber warfare perspective on risks related to health IoT devices and contact tracing. Neural Computing and Applications, 1-15. (https://doi.org/10.1007/s00521-021-06720-1) **[J2]** Marulli, F., Marrone, S., & Verde, L. (2022). Sensitivity of Machine Learning Approaches to Fake and Untrusted Data in Healthcare Domain. Journal of Sensor and Actuator Networks, 11(2), 21. (https://doi.org/10.3390/jsan11020021) **2021.** **[J3]** Campanile, L., Iacono, M., Marulli, F., & Mastroianni, M. (2021). Designing a GDPR compliant blockchain-based IoV distributed information tracking system. Information Processing & Management, 58(3), 102511.(https://doi.org/10.1016/j.ipm.2021.102511) **[J4]** Martinelli, F., Marulli, F., Mercaldo, F., & Santone, A. (2021). Neural networks for driver behavior analysis. Electronics, 10(3), 342. (https://doi.org/10.3390/electronics10030342) **[J5]** Bellini, E., Marrone, S., & Marulli, F. (2021). Cyber Resilience Meta-Modelling: The Railway Communication Case Study. Electronics, 10(5), 583. (https://doi.org/10.3390/electronics10050583) **[J6]** Marulli, F., Bellini, E., & Marrone, S. (2021). On managing security in smart e-health applications. International Journal of Computational Science and Engineering, 24(6), 639-652. (https://doi.org/10.1504/IJCSE.2021.119984) **2020.** **[J7]** Campanile, L., Iacono, M., Levis, A. H., Marulli, F., & Mastroianni, M. (2020). Privacy regulations, smart roads, blockchain, and liability insurance: putting technologies to work. IEEE Security & Privacy, 19(1), 34-43. (https://doi.org/10.1109/MSEC.2020.3012059) **[J8]** Campanile, L., Gribaudo, M., Iacono, M., Marulli, F., & Mastroianni, M. (2020). Computer network simulation with ns-3: A systematic literature review. Electronics, 9(2), 272. (https://doi.org/10.3390/electronics9020272) **[J9]** Campanile, L., Iacono, M., Marulli, F., Mastroianni, M., & Mazzocca, N. (2020). Toward a Fuzzy-based Approach for Computational Load Offloading of IoT Devices. J. Univers. Comput. Sci., 26(11), 1455-1474. (https://doi.org/10.3897/jucs.2020.077) **2019.** **[J10]** Pota, M., Marulli, F., Esposito, M., De Pietro, G., & Fujita, H. (2019). Multilingual POS tagging by a composite deep architecture based on character-level features and on-the-fly enriched Word Embeddings. Knowledge-Based Systems, 164, 309-323.https://doi.org/10.1016/j.knosys.2018.11.003). **2017.** **[J11]** Angelo Chianese, Fiammetta Marulli and Francesco Piccialli, A novel approach for automatic

	text analysis and generation for the cultural heritage domain (2016). In Multimedia Tools and Applications (MTAP), December 2016, (https://doi.org/10.1007/s11042-016-3628-3). **[J12]** Chianese, A., Marulli, F., Piccialli, F., Benedusi, P., & Jung, J. E. (2017). An associative engines based approach supporting collaborative analytics in the internet of cultural things. Future generation computer systems, 66, 187-198.(doi https://doi.org/10.1016/j.future.2016.04.015). **2016.** **[J13]** Chianese, A., Marulli, F., & Piccialli, F. (2016). Sensitivity Mining in Social Pulses to Address Cultural Heritage Competitive Intelligence. International Journal of Knowledge Society Research (IJKSR), 7(2), 40-56. (https://doi.org/10.4018/IJKSR.2016040103) **[J14]** Bifulco, F., Chianese, A., Marulli, F., Piccialli, F., & Valente, I. (2015). La gestione della conoscenza per DATABENC. established by: Mauro Cristofani and Riccardo Francovich, (Supplemento 7), 117-129.
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