

Curriculum



Nome Name:	Aniello
Cognome Surname:	Castiglione

ORCID:	0000-0003-0571-1074
Scopus Author ID:	16027997000
WOS Author ID:	F-1034-2011
Sito WEB WEB site:	http://docenti.unisa.it/aniello.castiglione

POSIZIONE PROFESSIONALE ATTUALE / CURRENT PROFESSIONAL POSITION:

Posizione attuale Current position:	In Servizio
Qualifica Qualification:	Professore Associato (L. 240/10)
Ateneo/Ente/Azienda University/Institution/Company:	Università degli Studi di SALERNO
Nazione Ateneo/Ente/Azienda University/Institution/Company Country:	ITA
Anno inizio Start Year:	2021
Anno fine End Year:	n.d.

PRECEDENTI ESPERIENZE LAVORATIVE (ULTIMI 10 ANNI) / PREVIOUS WORK EXPERIENCE (LAST 10 YEARS):

Qualifica Qualification:	Ricercatore a t.d. - t.pieno (art. 24 c.3-b L. 240/10)
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Ateneo/Ente/Azienda University/Institution/Company	Università degli Studi di NAPOLI "Parthenope"
Posizione Sede Lavorativi (indicare Nazione e Città) Workplace Location (specify Country and City):	Napoli, NA, Italia
Anno inizio Start Year:	2018
Anno fine End Year:	2021
Descrizione Description:	

Qualifica Qualification:	Professore Associato (L. 240/10)
Ateneo/Ente/Azienda University/Institution/Company	Università degli Studi di NAPOLI "Parthenope"
Posizione Sede Lavorativi (indicare Nazione e Città) Workplace Location (specify Country and City):	Napoli, NA, Italia
Anno inizio Start Year:	2021
Anno fine End Year:	2022
Descrizione Description:	

Qualifica Qualification:	Professore Associato (L. 240/10)
Ateneo/Ente/Azienda University/Institution/Company	Università degli Studi di SALERNO
Posizione Sede Lavorativi (indicare Nazione e Città) Workplace Location (specify Country and City):	Salerno, SA, Italia
Anno inizio Start Year:	2022
Anno fine End Year:	n.d.
Descrizione Description:	

LINGUE / LANGUAGES:

Lingua Language:	Inglese
Scrittura Writing:	C1

Comunicazione Communication:	C1
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Lingua Language:	Italiano
Scrittura Writing:	madrelingua
Comunicazione Communication:	madrelingua

Lingua Language:	Francese
Scrittura Writing:	B1
Comunicazione Communication:	B1

Lingua Language:	Cinese
Scrittura Writing:	A1
Comunicazione Communication:	A1

AREA/SETTORE SCIENTIFICO-DISCIPLINARE / AREA/SECTOR SCIENTIFIC-DISCIPLINARY

Area scientifico-disciplinare Area scientific-disciplinary:	Scienze matematiche e informatiche
Area scientifico-disciplinare codice Area scientific-disciplinary code:	01
Settore scientifico-disciplinare codice Sector scientific-disciplinary code:	-Informatica
Settore scientifico-disciplinare codice Sector scientific-disciplinary code:	-INFO-01/A

DESCRIZIONE DEI PRINCIPALI RISULTATI SCIENTIFICI CONSEGUITI NEGLI ULTIMI 10 ANNI (CON ANNESSO ELENCO DI MASSIMO 10 PUBBLICAZIONI) / DESCRIPTION OF THE MAIN SCIENTIFIC RESULTS ACHIEVED IN THE LAST 10 YEARS (WITH ATTACHED LIST OF MAXIMUM 10 PUBLICATIONS):

Descrizione Description:	<i>Aniello Castiglione is currently Associate Professor at the University of Salerno, Italy. He qualified as Full Professor in Computer Science (in Italian "Prima Fascia") during the 2018 edition of the ASN ("Abilitazione Scientifica Nazionale" - National Academic Qualification) for the Scientific-</i>
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	<p>Disciplinary Sector (SSD) INF/01. He published more than 255 papers in international journals and conferences. Considering his journal papers, more than 80 of them are ranked Q1 in Scopus/Scimago classification and more than 60 of them are ranked Q1 in the Clarivate Analytics/ISI-WoS classification. The international academic profile of Dr. Castiglione is spread among his 86 international co-authors who belong to 75 different institutions located in 18 countries. He served in the organization (mainly as the program chair and a TPC member) in around 230 international conferences (some of them are ranked A+/A/A- in the CORE, LiveSHINE, and Microsoft Academic international classifications). In 2014, one of his papers (published on the IEEE TDSC) has been selected as the Featured Article in the IEEE Cybersecurity Initiative. In 2018, another paper (published on the IEEE Cloud Computing) has been selected as the Featured Article in the IEEE Cloud Computing Initiative. According to the Web of Science Essential Science Indicators (by Clarivate Analytics), two of his papers (published on the IEEE TC and on Elsevier FGCS) received the Highly Cited Paper and Research Front paper since it was placed in the top 1% of academic field of "Computer Science" in 2017 and in 2022. Since October 2020 (and for the years 2021 and 2022), he has been included in the ranking of the top 100,000 most influential scientists according to standardized citation metrics published by PLoS Biology. He served as a reviewer for around 120 international journals. His current research interests include Information Forensics, Digital Forensics, Security and Privacy on Cloud, Communication Networks, Applied Cryptography, Steganography and Sustainable Computing. His current Google Scholar H-index is 46 with 7250 citations: scholar.google.com/citations?user=OfHbNZEAAA&hl=en His current Scopus H-index is 37 with 5257 citations: www.scopus.com/authid/detail.uri?authorId=16027997000 [19/01/2015] - Qualified as Associate Professor ("II Fascia") in Computer Science for the Scientific-Disciplinary Sector (SSD) INF/01 (19/01/2015 - 19/01/2026). https://asn.cineca.it/ministero.php/public/esitoAbilitati/settore/01%252FB1/fascia/2 [28/03/2018] - Qualified as Associate Professor ("II Fascia") in Computer Science for the Scientific-Disciplinary Sector (SSD) INF/01 (28/03/2018 - 28/03/2029). https://asn16.cineca.it/pubblico/miur/esito-abilitato/01%252FB1/2/4 [29/04/2021] - Qualified as Full Professor ("I Fascia") in Computer Science for the Scientific-Disciplinary Sector (SSD) INF/01 (29/04/2021 - 29/04/2032). https://asn18.cineca.it/pubblico/miur/esito-abilitato/01%252FB1/1/6</p>
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PUBBLICAZIONI / PUBLICATIONS:

Anno della pubblicazione Year of publication:	2016
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Citazione Citation:	CASTIGLIONE, ARCANGELO, DE SANTIS, Alfredo, MASUCCI, Barbara, PALMIERI, FRANCESCO, CASTIGLIONE, Aniello, Huang, Xinyi (2016). Cryptographic Hierarchical Access Control for Dynamic Structures. IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY, vol. 11, p. 2349-2364, ISSN: 1556-6013, doi: 10.1109/TIFS.2016.2581147
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Anno della pubblicazione Year of publication:	2018
Citazione Citation:	Guear, Meriem, Migliardi, Mauro, Merlo, Alessio, Benmohammed, Mohamed, PALMIERI, FRANCESCO, CASTIGLIONE, Aniello (2018). Using Screen Brightness to Improve Security in Mobile Social Network Access. IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING, vol. 15, p. 621-632, ISSN: 1545-5971, doi: 10.1109/TDSC.2016.2601603

Anno della pubblicazione Year of publication:	2020
Citazione Citation:	Esposito, Christian, Ficco, Massimo, Castiglione, Aniello, Palmieri, Francesco, De Santis, Alfredo (2020). Distributed Group Key Management for Event Notification Confidentiality among Sensors. IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING, vol. 17, p. 566-580, ISSN: 1545-5971, doi: 10.1109/TDSC.2018.2799227

Anno della pubblicazione Year of publication:	2022
Citazione Citation:	Deng H., Zhang J., Qin Z., Wu Q., Yin H., Castiglione A. (2022). Policy-based Broadcast Access Authorization for Flexible Data Sharing in Clouds. IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING, vol. 19, p. 3024-3037, ISSN: 1545-5971, doi: 10.1109/TDSC.2021.3080282

Anno della pubblicazione Year of publication:	2022
Citazione Citation:	Bisogni, Carmen, Castiglione, Aniello, Hossain, Sanoar, Narducci, Fabio, Umer, Saiyed (2022). Impact of Deep Learning Approaches on Facial Expression Recognition in Healthcare Industries. IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, p. 1, ISSN: 1551-3203, doi: 10.1109/TII.2022.3141400

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	Castiglione, Aniello, Vijayakumar, P, Nappi, Michele, Sadiq, Saima, Umer, Muhammad (2021). COVID-19: Automatic Detection of the Novel Coronavirus Disease from CT Images Using an Optimized Convolutional Neural Network. IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, p. 6480-6488, ISSN: 1551-3203, doi: 10.1109/TII.2021.3057524

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	Castiglione, Aniello, Nappi, Michele, Ricciardi, Stefano (2021). Trustworthy Method for Person Identification in IIoT Environments by Means of Facial Dynamics. IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, p. 766-774, ISSN: 1551-3203, doi: 10.1109/TII.2020.2977774

Anno della pubblicazione Year of publication:	2021
Citazione Citation:	Castiglione A., Cozzolino G., Moscato F., Moscato V. (2021). Cognitive Analysis in Social Networks for Viral Marketing. IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, vol. 17, p. 6162-6169, ISSN: 1551-3203, doi: 10.1109/TII.2020.3026013

Anno della pubblicazione Year of publication:	2016
Citazione Citation:	ESPOSITO, CHRISTIANCARMINE, Ficco, Massimo, PALMIERI, FRANCESCO, CASTIGLIONE, Aniello (2016). Smart Cloud Storage Service Selection Based on Fuzzy Logic, Theory of Evidence and Game Theory. IEEE TRANSACTIONS ON COMPUTERS, vol. 65, p. 2348-2362, ISSN: 0018-9340, doi: 10.1109/TC.2015.2389952

Anno della pubblicazione Year of publication:	2016
Citazione Citation:	CASTIGLIONE, ARCANGELO, DE SANTIS, Alfredo, MASUCCI, Barbara, PALMIERI, FRANCESCO, CASTIGLIONE, Aniello, Li, Jin, Huang, Xinyi (2016). Hierarchical and Shared Access Control. IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY, vol. 11, p. 850-865, ISSN: 1556-6013, doi: 10.1109/TIFS.2015.2512533

DESCRIZIONE DEI PRINCIPALI PROGETTI DI RICERCA E PREMI CONSEGUITI NEGLI ULTIMI 10 ANNI (CON ANNESSO ELENCO DI MASSIMO 10 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, PRINCIPAL INVESTIGATOR O COORDINATORE LOCALE DI PROGETTI DI RICERCA COMPETITIVI NAZIONALI O INTERNAZIONALI, SIGNIFICATIVI PREMI CONSEGUITI PER LA PROPRIA ATTIVITÀ DI RICERCA)/ DESCRIPTION OF THE MAIN RESEARCH PROJECTS AND AWARDS AWARDED IN THE LAST 10 YEARS (WITH ATTACHED LIST OF MAXIMUM 10 ACHIEVEMENTS, INCLUDING, FOR EXAMPLE, PRINCIPAL INVESTIGATOR OR LOCAL COORDINATOR OF NATIONAL OR INTERNATIONAL COMPETITIVE RESEARCH PROJECTS, SIGNIFICANT AWARDS AWARDED FOR YOUR RESEARCH ACTIVITY):

<p>Descrizione Description:</p>	<p>1) Member of the Italian National Research Project PRIN 2017 (2017N2RK7K) (leader Rita Cucchiara, University of Modena e Reggio Emilia), years 2019/2022. Title: "PREVUE - PRediction of activities and Events by Vision in an Urban Environment". Admitted to funding with a total budget of 832.353 euro by the Italian Ministry of Education, University and Research. 2) Member of the "Progetto ex 60% - University of Salerno, year 2017". Title: "Metodologie innovative per Sicurezza Dati, Digital Forensics, Reti, Compressione Dati, e Musimatica". (from November 20, 2017 to November 20, 2020, funded by 25.988,56 euro) 3) Member of the Italian National Research Project PRIN 2015 (201548C5NT) including 8 Italian universities (leader Michele Nappi, University of Salerno), years 2017/2020. Title: "CONTACTLES5 Multibiometric mOBile System in the wild: COSMOS". Admitted to funding with a total budget of 405.073 euro by the Italian Ministry of Education, University and Research. (from February 5, 2017 to February 5, 2020). 4) Member of the European project CREA (Justice Programme, Grant Agreement number 766463 – CREA – JUST-AG-2016/JUST-AG-2016-05) entitled "Conflict Resolution with Equitative Algorithms" coordinated by the University of Naples "Federico II". The total cost of the action is 674.400 euro. 5) Member of the project "Salus per Lactem": POR CAMPANIA FESR 2007-2013 (start July 2012, end June 2015) - Asse II – Obiettivo Operativo 2.1: "Interventi su Aree Scientifiche di Rilevanza strategica"; Obiettivo Operativo 2.2: "Interventi di Potenziamento di sistema e di filiera della R&S". Join project among University of Salerno (Department of Pharmaceutical Science and Department of Computer Science), Centrale del Latte di Salerno, Avantech Group s.r.l., Igeam s.r.l. and Nexsoft S.p.A., admitted to funding with a total budget of 3.714.974 euro. 6) Member of the Italian National Research Project PRIN 2012 (2010RTFWBH) including 10 universities and a few research institutes (leader Stefano Ceri, Politecnico di Milano), years 2012/2014. Title: "Data-Centric Genomic Computing (GenData 2020)". Admitted to funding with a total budget of 1.259.817 euro by the Italian Ministry of Education, University and Research. (from January 28, 2013 to February 1, 2016). 7) Member of the project "Progetto di Innovazione Industriale - Industria 2015 PII – Bando Nuove Tecnologie per il Made in Italy" (D.M. 5 marzo 2008), project code "Programma MI 01_00017" (start April 2010, end July 2013). Join project among University of Salerno (Department of Computer Science), Everis Italia S.p.A, Prima Electro S.p.A., Nexsoft S.p.A., ERXA s.r.l., Taglio s.r.l., Domini Officine s.r.l., admitted to funding with a total budget of 6.692.793 euro. 8) Member of the joint project between the Italian Ministry of Interior (Department of Public Security, Postal and Communications Police) and the University of Salerno (2010 – present). Title: "CHI – Camera Hardware Identification".</p>
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Descrizione Description:	(15 April 2017 – 6 September 2017) – The paper “Exploiting Battery-Drain Vulnerabilities in Mobile Smart Devices” (co-authored by Fiore, U., Castiglione, A., De Santis, A., Palmieri, F.) has been selected as the Featured Article for the April-June 2017 issue of the IEEE Transactions on Sustainable Computing, ISSN: 2377-3782, DOI: 10.1109/TSUSC.2017.2690148
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Descrizione Description:	(22 March 2018) - Featured Article for the IEEE Cloud Computing Initiative (http://cloudcomputing.ieee.org) – The paper “Context Aware Ubiquitous Biometrics in Edge of Military Things” (co-authored by Castiglione, A., Choo, K.-K. R., Nappi, M., Ricciardi, S.) published in the issue 6, volume 4, of IEEE Cloud Computing, DOI: 10.1109/MCC.2018.1081072) has been reviewed as Featured Article in the article entitled “IoT meets the Military and Battlefield: Connecting Gear and Biometric wearables for an IoMT and IoBT” written by Lori M. Cameron.
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Descrizione Description:	(7 May 2018) – The paper “Context Aware Ubiquitous Biometrics in Edge of Military Things” (co-authored by Castiglione, A., Choo, K.-K. R., Nappi, M., Ricciardi, S.) published in the issue 6, volume 4, of IEEE Cloud Computing, DOI: 10.1109/MCC.2018.1081072) has been featured in the May 2018 issue (Vol. 4, Issue 5, pp. 44-48) of the IEEE Computing Edge magazine, ISSN: 2469-7087. Online: https://www.computer.org/cms/computing-edge/ce-may18-final.pdf
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Descrizione Description:	(16 October 2020) – Recognized as the world’s top 2% of most important scientists across all fields in the Stanford University’s ranking of 100.000 Top Scientist for the year 2019 in the Science-Matrix category (field) “Information & Communication Technologies” (subfield-1 “Artificial Intelligence & Image Processing” and subfield-2 “Networking & Telecommunications”) published by the PLOS Biology journal in the article "A standardized citation metrics author database annotated for scientific field" https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918 and https://doi.org/10.1371/journal.pbio.3000384 whose database is https://dx.doi.org/10.17632/btchxktzyw.2
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Descrizione Description:	(19 October 2021) – Recognized as the world’s top 2% of most important scientists across all fields in the Stanford University’s ranking of 100.000 Top Scientist for the year 2020 in the Science-Matrix category (field) “Information & Communication Technologies” (subfield-1 “Artificial Intelligence & Image Processing” and subfield-2 “Networking & Telecommunications”) published by the PLOS Biology journal in the article "A standardized citation metrics author database annotated for scientific field" https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918 and https://doi.org/10.1371/journal.pbio.3000384 whose database is https://dx.doi.org/10.17632/btchxktzyw.3
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Descrizione Description:	(12 March 2022) - Ranked #204 in Italy among Computer Science Top Scientists for 2022 by the academic platform Research.com The ranking is based on the H-index metric provided by Microsoft Academic and includes only leading scientists with an H-index of at least 30 for academic publications made in the area of Computer Science.
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Descrizione Description:	(3 November 2022) - Recognized as the world's top 2% of most important scientists across all fields in the Stanford University's ranking of 100.000 Top Scientist for the year 2021 in the Science-Metrix category (field) "Information & Communication Technologies" (subfield-1 "Artificial Intelligence & Image Processing" and subfield-2 "Networking & Telecommunications") published by the PLOS Biology journal in the article "A standardized citation metrics author database annotated for scientific field" https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918 and https://doi.org/10.1371/journal.pbio.3000384 whose database is https://dx.doi.org/10.17632/btchxktyw.5
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Descrizione Description:	(8 April 2025) - Best Paper Award at the conference IEEE AINA 2025 - "Mel Spectrogram-Based CNN Framework for Explainable Audio Deepfake Detection", by Bajwa, M.Z., Castiglione, A., Pero, C. - DOI: 10.1007/978-3-031-87784-1_37
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Descrizione Description:	(4 October 2023) - Recognized as the world's top 2% of most important scientists across all fields in the Stanford University's ranking of 100.000 Top Scientist for the year 2022 in the Science-Metrix category (field) "Information & Communication Technologies" (subfield-1 "Artificial Intelligence & Image Processing" and subfield-2 "Networking & Telecommunications") published by the PLOS Biology journal in the article "A standardized citation metrics author database annotated for scientific field" https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918 and https://doi.org/10.1371/journal.pbio.3000384 whose database is https://dx.doi.org/10.17632/btchxktyw.6
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Descrizione Description:	(16 September 2024) - Recognized as the world's top 2% of most important scientists across all fields in the Stanford University's ranking of 100.000 Top Scientist for the year 2023 in the Science-Metrix category (field) "Information & Communication Technologies" (subfield-1 "Artificial Intelligence & Image Processing" and subfield-2 "Networking & Telecommunications") published by the PLOS Biology journal in the article "A standardized citation metrics author database annotated for scientific field" https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918 and https://doi.org/10.1371/journal.pbio.3000384 whose database is https://dx.doi.org/10.17632/btchxktyw.7
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI DI SVILUPPO DI RETI E RELAZIONI SCIENTIFICHE NAZIONALI E INTERNAZIONALI (CON ANNESSO ELENCO DI MASSIMO 5 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, PARTECIPAZIONE O ORGANIZZAZIONE DI CONVEGNI NAZIONALI E INTERNAZIONALI; CONTRIBUTI A CONSORZI DI RICERCA) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF DEVELOPMENT OF NATIONAL AND INTERNATIONAL SCIENTIFIC NETWORKS AND RELATIONS (WITH ATTACHED LIST OF MAXIMUM 5 RESULTS, INCLUDING, FOR EXAMPLE, PARTICIPATION OR ORGANIZATION OF NATIONAL AND INTERNATIONAL CONFERENCES; CONTRIBUTIONS TO RESEARCH CONSORTIA):

<p>Descrizione Description:</p>	<p>1. (July 2014) - Visiting Researcher at CyberSecurity Centre, University of Oxford, UK (host Prof. Sadie Creese). 2. (January 2015) - Visiting Professor at Department of Advanced Sciences, Faculty of Science and Engineering, Hosei University, Tokyo, Japan (host Prof. Makoto Takizawa). 3. (January 2015) - Visiting Scientist at the Faculty of Information Engineering, Department of Communication and Information Engineering, Fukuoka Institute of Technology, Fukuoka, Japan (host Prof. Leonard Barolli). 4. (February 2015) - Visiting Scientist at Faculty of Engineering, Department of Information and Computer Engineering, Okayama University of Science, Okayama, Japan (host Dr. Elis Kulla). 5. (February 2015) - Visiting Researcher at Information Security Laboratory, KDDI R&D Laboratories, KDDI Inc., Saitama (Tokyo), Japan (host Dr. Shinsaku Kiyomoto). 6. (September 2015) - Visiting Professor at School of Cyber Engineering, Xidian University, Xi'an, China, P.R.C. (host Prof. Xiaofeng Chen). 7. (September 2015) - Visiting Professor at School of Computer Science and Educational Software, Guangzhou University, Guangzhou, China, P.R.C. (host Prof. Jin Li). 8. (September 2015) - Visiting Professor at School of Mathematics & Computational Science, Sun Yat-Sen University, Guangzhou, China, P.R.C. (host Prof. Zheng-an Yao). 9. (September 2015) - Visiting Professor at Research Institute of Computer Systems, South China University of Technology, Guangzhou, China, P.R.C. (host Prof. Wei-Wei Lin). 10. (November 2015) - Visiting Scientist at Department of Computer Science, Cracow University of Technology, Cracow, Poland (host Prof. Joanna Kolodziej). 11. (November 2015) - Visiting Professor at the Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering, AGH University of Science and Technology, Cracow, Poland (host Prof. Marek R. Ogiela). 12. (January 2016) - Visiting Professor at Computer Science and Information Engineering of the Asia University, Taichung, Taiwan, R.O.C. (host Prof. Hsing-Chung Jack Chen). 13. (January 2016) -</p>
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	<p>Visiting Professor at Department of Computer Science of the TungHai University, Taichung, Taiwan, R.O.C. (host Prof. Fang-Yie Leu). 14. (February 2016) - Visiting Professor at Department of Computing, The Hong Kong Polytechnic University, Hong Kong (host Prof. Jiannon Cao). 15. (February 2016) - Visiting Professor at the Department of Information Engineering, The Chinese University of Hong Kong, Hong Kong (host Prof. Zhang Kehuan). 16. (July 2016) - Visiting Professor at the Faculty of Information Technology, Monash University, Melbourne, Australia (host Dr. Joseph K. Liu). 17. (July 2016) - Visiting Scientist at the Distributed Systems Security Group at CSIRO Data61, Marsfield Sydney, Australia (host Dr. Surya Nepal).</p>
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Descrizione Description:	(Program Chair) - CSE 2020 - The 23rd IEEE International Conference on Computational Science and Engineering Guangzhou, China- November 10-13, 2020
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Descrizione Description:	(Program Chair) - IEEE DASC 2021 - The 18th IEEE International Conference on Dependable, Autonomic and Secure Computing Calgary, Canada (Virtual Conference) - 24-28 October, 2021
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Descrizione Description:	(Program Chair) - IEEE DSC 2022 - The 2022 5th IEEE Conference on Dependable and Secure Computing (IEEE DSC 2022) - Edinburgh, UK + Virtual 22 - 24 June, 2022
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Descrizione Description:	(Publicity Chair) - IEEE TrustCom 2022 - The 21th IEEE International Conference on Trust, Security and Privacy in Computing and Communications - Wuhan, Hubei, China - October 28-30, 2022
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Descrizione Description:	(Program Chair) - IEEE GreenCom-2024 - The 20th IEEE International Conference on Green Computing and Communications - Copenhagen, Denmark, August 19 - 22, 2024 - https://ieeeybermatics.org/2024/greencom/oc.php
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI DI SUPPORTO ALLA COMUNITÀ SCIENTIFICA (CON ANNESSO ELENCO DI MASSIMO 5 RISULTATI, INCLUDENDO, A TITOLO DI ESEMPIO, RESPONSABILITÀ DI DIREZIONE DI COMITATI EDITORIALI; INCARICHI DI VALUTAZIONE DELLA RICERCA PRESSO ISTITUZIONI NAZIONALI O INTERNAZIONALI; RESPONSABILITÀ ISTITUZIONALI ALL'INTERNO DELL'ISTITUZIONE DI APPARTENENZA O DI ALTRE ISTITUZIONI) / DESCRIPTION OF

THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF SUPPORT TO THE SCIENTIFIC COMMUNITY (WITH ATTACHED LIST OF MAXIMUM 5 RESULTS, INCLUDING, FOR EXAMPLE, MANAGEMENT RESPONSIBILITIES OF EDITORIAL COMMITTEES; RESEARCH EVALUATION ROLES AT NATIONAL OR INTERNATIONAL INSTITUTIONS; INSTITUTIONAL RESPONSIBILITIES WITHIN THE INSTITUTION OF AFFILIATION OR OTHER INSTITUTIONS):

<p>Descrizione Description:</p>	<p>1) Guest Editor, (2014) <i>Soft Computing</i>, Springer, (ISSN: 1432-7643), Special Issue on "Soft Computing for Security Services in Smart and Ubiquitous Environments", with Marek R. Ogiela and Ilun You. 2) Guest Editor, (2016) <i>Information Sciences</i>, Elsevier, (ISSN: 0020-0255), Special Issue on "Computational Intelligence for New Computing Environments", with Jin Li. 3) Guest Editor, (2017) <i>Future Generation Computer Systems</i>, Elsevier, (ISSN: 0167-739X), Special Issue on "Security and Privacy in Social Big Data", with Jun Zhang, Laurence Tianruo Yang and Yan Zhang. 4) Guest Editor, (2017) <i>Journal of Information Security and Applications</i>, Elsevier, (ISSN: 2214-2126), Special Issue on "Mobile Networks and Devices Security, Privacy and Trust", with Weizhi Meng, Zhe Liu and Man Ho Allen Au. 5) Guest Editor, (2017) <i>IEEE Communications Magazine</i>, IEEE, (ISSN: 0163-6804), Special Issue on "Human-driven Edge Computing - Part 1", with Jiannong Cao, Giovanni Motta, Florin Pop, Yang Yanjiang and Wanlei Zhou. 6) Guest Editor, (2018) <i>Computers & Security</i>, Elsevier, (ISSN: 0167-4048), Special Issue on "Security and Privacy Protection vs Sustainable Development", with Elisa Bertino, Valentina Casola and Willy Susilo. 7) Guest Editor, (2018) <i>Journal of Network and Computer Applications</i>, Elsevier, (ISSN: 1084-8045, 1095-8592), Special Issue on "Security in Cloud Computing", with Jin Li, and Changyu Dong. 8) Guest Editor, (2018) <i>IEEE Access</i>, IEEE, (ISSN: 2169-3536), Special Issue on "Research Challenges and Opportunities in Security and Privacy of Blockchain Technologies", with Kim-Kwang Raymond Choo, Debiao He, Neeraj Kumar. 9) Guest Editor, (2018) <i>IEEE Communications Magazine</i>, IEEE, (ISSN: 0163-6804), Special Issue on "Human-driven Edge Computing - Part 2", with Jiannong Cao, Giovanni Motta, Florin Pop, Yang Yanjiang and Wanlei Zhou. 10) Guest Editor, (2019) <i>Journal of Parallel and Distributed Computing</i>, Elsevier, (ISSN: 0743-7315), Special Issue on "Transmissible Cyber Threats in Distributed Systems", with Sheng Wen, Cliff Zou, Kim-Kwang Raymond Choo and Shouhuai Xu. 11) - Guest Editor, (2019) <i>CCPE</i>, Wiley, (ISSN: 1532-0626, 1532-0634), Special Issue on "Special issue on security, privacy, and social network", with Yang Xiang, Md Zakirul Alam Bhuiyan. 12) Guest Editor, (2020) <i>Future Generation Computer Systems</i>, Elsevier, (ISSN: 0167-739X), Special Issue on "Security and Privacy in Cyber Physical Systems", with Sheng</p>
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	<p>Wen, Mohammod Sayad Haghghi, Rongxing Lu and Kim-Kwang Raymond Choo. 13) Guest Editor, (2021) <i>Pattern Recognition Letters</i>, Elsevier, (ISSN: 0167-8655), Special Issue on "Biometrics in Smart Cities: Techniques and Applications", with Michele Nappi, Silvio Barra, Fabio Narducci and Vijayakumar Pandi. 14) Guest Editor, (2022) <i>IEEE Transactions on Industrial Informatics</i>, IEEE, (ISSN: 1551-3203), Special Issue on "Biometrics in Industry 4.0 Open Challenges and Future Perspectives", with Zhiwei Gao and Michele Nappi.</p>
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Descrizione Description:	- Editorial Board member, (May 2018 - present) <i>Sustainability</i> , MDPI, (ISSN: 2071-1050).
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Descrizione Description:	- Associate Editor, (November 2018 - present) <i>IEEE Access</i> , IEEE, (ISSN: 2169-3536).
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Descrizione Description:	- Co-Editor-in-Chief, (October 2020 - present) <i>Journal of Ambient Intelligence and Humanized Computing</i> , Springer, (ISSN: 1868-5137).
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Descrizione Description:	- Associate Editor, (October 2020 - present) <i>IEEE Transactions on Sustainable Computing</i> , IEEE (ISSN: 2377-3782).
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Descrizione Description:	- Editorial Board member, (October 2021 - present) <i>Multimedia Tools and Applications</i> , Springer, (1380-7501).
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DESCRIZIONE DEI PRINCIPALI RISULTATI CONSEGUITI NEGLI ULTIMI 10 ANNI IN TERMINI VALORIZZAZIONE DELLE CONOSCENZE (CON ANNESSO ELENCO DI MASSIMO 3 RISULTATI, RELATIVI ALLA PARTECIPAZIONE DEL CANDIDATO ALLE ATTIVITÀ DI VALORIZZAZIONE DELLE CONOSCENZE) / DESCRIPTION OF THE MAIN RESULTS ACHIEVED IN THE LAST 10 YEARS IN TERMS OF KNOWLEDGE VALORIZATION (WITH ATTACHED LIST OF MAXIMUM 3 RESULTS, RELATING TO THE CANDIDATE'S PARTICIPATION IN KNOWLEDGE VALORIZATION ACTIVITIES):

Descrizione Description:	<p>a) <i>Involvement in the technological transfer between the University of the University (China) and the company Wuhan Cloud Chain Co. LTD (company that was born as a spin-off of the Wuhan University). (Contact person: Prof. Debiao He, University of Wuthan).</i> b) <i>Involvement in technological transfer from University Politehnica of Bucharest (UPB) to Industry in the field of security to the SmartRDI company that is a spin-off of UPB, https://www.smartrdi.net/about/ (Contact person: Florin Pop, Politechnic University</i></p>
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	<p>of Bucharest). c) Involment in the technological transfer for the collaboration with the "Stefan cel Mare" University (Romania) and the GreenSoft company (Romania). (Contact person: Oana Geman, "Stefan cel Mare" University). d) PATENT: Title: "Method and system of performing a fine-grained searchable encryption for resource-constrained devices in m-health network" Dates: Priority 2021-04-19 • Filed 2021-04-19 • Granted 2021-06-10 • Published 2021-06-10 Inventors: Aniello Castiglione, Brij Bhooshan Gupta, Deepak Gupta, Ms. MAMTA, Tu Ngoc NGUYEN WIPO Reference: https://patentscope.wipo.int/search/en/detail.jsf?docPN=AU2021102048 e) Teaching activity for the Leonard SpA branch of Grottaglie (TA) on the subject of Cybersecurity. f) Invited Speaker at the international seminar organized by the Italian Carabinieri on "Cybercrime and Terrorism Threat in the Mediterranean Area" held in the Higher Institute of Technical Investigations ("Istituto Superiore di Tecniche Investigative" in Italian) of the Carabinieri Corps (Velletri, May 18th - 22nd, 2015) aimed at sharing best practices in cybercrime investigations with experts such as police officers (Carabinieri, FBI, Guardia Civil, Gendarmerie Nationale, Europol, EC3), ENISA, Prosecutors and international law-enforcement scholars. Invited by the head of the "Comando Generale dell'Arma dei Carabinieri - I Reparto - SM - Ufficio Addestramento e Regolamenti", Gen. t. ISSMI Massimo Mennitti. g) Reviewer of research grant proposals for the UAEU Program for Advanced Research (UPAR) for the United Arab Emirates Ministry of University within the Cycle 3 , 2015/2016 (contact Prof. Ghaleb Ali Alhadrami). h) (July 2016) Invited Speaker at Centre for Computer and Information Security Research (CCISR), School of Computing and Information Technology, University of Wollongong, Australia. i) (July 2016) Invited Speaker and teacher at the at CSWS-2016 (Cyber Security Winter School 2016) at the CCSR (Center for Cyber Security Research) of the Deakin University, Melbourne, Australia. j) Intervista su Rai3: https://youtu.be/ASqvFJzOo-w k) Intervista su Rai3: https://youtu.be/RjrQvOwG4AU m) www.repubblica.it/cronaca/2014/11/24/news/arriva_la_balistica_digitale_una_nuova_tecnica_per_scoprire_gli_autori_di_foto_e_video_incriminati-101268304/ n) www.repubblica.it/tecnologia/2014/06/29/news/cellulari_c_una_falla_in_gsm_e_ums_a_rischio_comunicazioni_in_intere_aree_geografiche-89027533</p>
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<p>Descrizione Description:</p>	<p>PATENT - Title: "Method and system of performing a fine-grained searchable encryption for resource-constrained devices in m-health network" Dates: Priority 2021-04-19 • Filed 2021-04-19 • Granted 2021-06-10 • Published 2021-06-10 Inventors: Aniello Castiglione, Brij Bhooshan Gupta, Deepak Gupta, Ms. MAMTA, Tu Ngoc NGUYEN WIPO Reference: https://patentscope.wipo.int/search/en/detail.jsf?docPN=AU2021102048</p>
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Descrizione Description:	INTERNATIONAL TECHNOLOGICAL TRANSFER (SPIN-OFF) - Activity of technological transfer between the University of the University (China) and the company Wuhan Cloud Chain Co. LTD (company that was born as a spin-off of the Wuhan University). (Contact person: Prof. Debiao He, University of Wuthan)
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Descrizione Description:	INTERNATIONAL TECHNOLOGICAL TRANSFER (SPIN-OFF) - Involvement in technological transfer from University Politehnica of Bucharest (UPB) to Industry in the field of security to the SmartRDI company that is a spin-off of UPB, https://www.smartrdi.net/about/ (Contact person: Florin Pop, Politechnic University of Bucharest)
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Informazioni aggiornate alla data di candidatura 15-05-2025

Aniello Castiglione

Il presente curriculum costituisce allegato e parte integrante dell'incarico sottoscritto