

# Gennaro Cordasco

## *Curriculum Vitae et Studiorum*

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### PERSONAL DATA

Name: Gennaro  
Family Name: Cordasco  
Citizenship: Italian  
E-mail: [gcordasco@unisa.it](mailto:gcordasco@unisa.it)  
Web: <https://sites.google.com/site/cordasco>  
ORCID: 0000-0001-9148-9769

### CURRENT AFFILIATION

Dipartimento di Informatica,  
Università degli Studi di Salerno  
Via Giovanni Paolo II, 132 - 84084 Fisciano (SA)

### STUDIES

- 2006** On April 2006, he received the PhD in Computer Science discussing a thesis on Peer-to-Peer Systems whose title is: “*On Designing Overlay Networks for Peer-to-Peer Systems*”. The thesis was supervised by Prof. Alberto Negro.
- 2002** On July 2002, he received a Laurea cum laude in Informatica (“Computer Science”) at the Università degli studi di Salerno, with a thesis in Distributed algorithms whose title is: “*Un algoritmo di mapping ottimale per alberi binari completi su memorie parallele*” (“*An optimal mapping algorithm for complete binary trees to parallel memories*”). The thesis was supervised by Prof. Alberto Negro and Vittorio Scarano.

CURRENT POSITION Associate Professor at Dipartimento di Informatica, Università degli Studi di Salerno.  
**01/02/2025  $\Rightarrow$  to date**

### PREVIOUS POSITIONS

- Associate Professor at Dipartimento di Psicologia, Università degli Studi della Campania “Luigi Vanvitelli”.

**29/12/2020  $\Rightarrow$  31/01/2025**

- Assistant Professor (Ricercatore a tempo indeterminato) at Dipartimento di Psicologia, Università degli Studi della Campania “Luigi Vanvitelli”.

**31/03/2011  $\Rightarrow$  28/12/2020**

- Research Fellow (Assegno di Ricerca nell'ambito dell'area INF/01), at Dipartimento di Informatica ed Applicazioni "R.M. Capocelli" dell'Università degli Studi di Salerno.

**15/11/2010  $\Rightarrow$  30/03/2011**

- Research Fellow (Assegno di Ricerca nell'ambito dell'area INF/01), at Dipartimento di Informatica ed Applicazioni "R.M. Capocelli" dell'Università degli Studi di Salerno.

**12/11/2008  $\Rightarrow$  11/11/2010**

- Research Fellow (Assegno di Ricerca nell'ambito dell'area INF/01), at Dipartimento di Informatica ed Applicazioni "R.M. Capocelli" dell'Università degli Studi di Salerno.

**10/09/2007  $\Rightarrow$  09/11/2008**

- Research contract awarded within the project "LEAD: Technology-enhanced learning and problem-solving discussions: Networked learning environments in the classroom", presso il Dipartimento di Informatica ed Applicazioni "R.M. Capocelli" dell'Università degli Studi di Salerno.

**07/2007  $\Rightarrow$  08/2007**

- Postdoctoral Fellowship at Dipartimento di Informatica ed Applicazioni "R.M. Capocelli" dell'Università degli Studi di Salerno.

**06/2006  $\Rightarrow$  07/2007**

- Research contract awarded within the project "WEB-MINDS - Wide Scale, Broadband, Middleware, for Network Distributed Services" at Dipartimento di Informatica ed Applicazioni "R.M. Capocelli" dell'Università degli Studi di Salerno.

**01/2006  $\Rightarrow$  03/2006**

- Research Scholar at Department of Computer Science dell' University of Massachusetts - AMHERST (MA) USA, under the supervision of Prof. Arnold L. Rosenberg.

**03/2005  $\Rightarrow$  11/2005**

- PhD Student at Dipartimento di Informatica ed Applicazioni “R.M. Capocelli” dell’Università degli Studi di Salerno.

**11/2002  $\Rightarrow$  10/2005**

- CResearch contract awarded within the project “WEB-MINDS - Wide Scale, Broadband, Middleware, for Network Distributed Services” at Dipartimento di Informatica ed Applicazioni “R.M. Capocelli” dell’Università degli Studi di Salerno.

**10/2002  $\Rightarrow$  06/2003**

RESEARCH  
INTERESTS

- Theory of computation  $\rightarrow$  Models of computation  $\rightarrow$  Concurrency  $\rightarrow$  Parallel computing models
- Theory of computation  $\rightarrow$  Models of computation  $\rightarrow$  Concurrency  $\rightarrow$  Distributed computing models
- Theory of computation  $\rightarrow$  Design and analysis of algorithms  $\rightarrow$  Graph algorithms analysis
- Theory of computation  $\rightarrow$  Design and analysis of algorithms  $\rightarrow$  Parameterized complexity and exact algorithms
- Computing methodologies  $\rightarrow$  Modeling and simulation  $\rightarrow$  Simulation theory  $\rightarrow$  Network science
- Networks  $\rightarrow$  Network types  $\rightarrow$  Overlay and other logical network structures  $\rightarrow$  Peer-to-peer networks
- Computing methodologies  $\rightarrow$  Artificial intelligence  $\rightarrow$  Distributed artificial intelligence
- Mathematics of computing  $\rightarrow$  Discrete mathematics  $\rightarrow$  Graph theory
- Mathematics of computing  $\rightarrow$  Discrete mathematics  $\rightarrow$  Graph theory  $\rightarrow$  Hypergraphs
- Applied computing  $\rightarrow$  Document management and text processing  $\rightarrow$  Document capture
- Human-centered computing  $\rightarrow$  Human computer interaction (HCI)  $\rightarrow$  Interaction paradigms

Co-author of more than 200 papers in peer reviewed international journals and conferences.

BIBLIOMETRIC  
INDICATORS

- Scopus  
<https://www.scopus.com/authid/detail.uri?authorId=57193482076>  
H-Index: 21, Total number of citations: 1736, Documents: 186.
- Google Scholar  
<https://scholar.google.com/citations?user=uQZZDgQAAAAJ&hl=it>  
H-index: 27, Total number of citations: 2686.
- Web of Science  
<https://www.webofscience.com/wos/author/record/1129591>  
H-index: 15, Total number of citations: 939, Documents: 172.

*Last update Novembre 2024*

ASN  
(ITALIAN NATIONAL  
SCIENTIFIC  
QUALIFICATION)

On 21/07/2023, he obtained the national scientific qualification (ASN 2021) in the First level (Full Professor) for the area 01/B1 (now GSD 01/INFO-01 - INFORMATICS).  
<https://asn21.cineca.it/pubblico/miur/esito-abilitato/01%252FB1/1/5>  
**21/07/2023 ⇒ 21/07/2034**

INTERNATIONAL  
AND NATIONAL  
PROJECTS'  
COORDINATION/  
PARTICIPATION

- “Crystal” HORIZON-TMA-MSCA-SE HORIZON TMA MSCA Staff Exchanges. CRYSTAL (Conversational Systems for Emotional Support and Customer Assistance) will advance research for a next generation of conversational models and systems that implement reliable, friendly and efficient human-machine interactions that can assist humans in tasks beyond automatic information provision, such as emotional support as well as customer assistance.  
**Role: PI.**  
Funding: €147.200

**11/2024 ⇒ 10/2028**

- “Androids (AutoNomous DiscoverY Of depressIve Disorder Signs)” – V:ALERE 2019, D.R. 906 4/10/2019, prot. n. 157264 del 17/10/2019.  
The project investigates the core features of human interactions to model cognitive and emotional processes: a critical brick in building technologies for sustainable and all-inclusive societies.  
**Role: Participant and responsible for several tasks.**

**12/2019 ⇒ 11/2021**

- “SiRobotics Invecchiamento sano e attivo attraverso SocIal ROBOTICS”, PON “RICERCA E INNOVAZIONE” 2014 - 2020 e FSC Codice Progetto ARS01\_01120 - ASSE II - Azione II Obiettivo Specifico 1.b).  
<https://www.irit.cnr.it/project/si-robotics-invecchiamento-sano-e-attivo-attraverso-social-robotics/>  
**Role: Participant.**

11/2019 ⇒ 12/2022

- “G-Guidance Gamified Career Guidance: Promoting Meaningful and Participative Career Construction and Vocational Development through a Gamified Digital Platform”.  
<https://gguidance.eu/language/en/team/>  
**Role: Participant.**

10/2019 ⇒ 11/2022

- “MENHIR (Mental health monitoring through interactive conversations)” – H2020 Research and Innovation Staff Exchange (RISE) project.  
The MENHIR project aims to research and develop conversational technologies to promote mental health and assist people with mental ill health (mild depression and anxiety) manage their conditions.  
**Role: Participant.**

02/2019 ⇒ 01/2023

- “EMPATHIC (Empathic, Expressive, Advanced Virtual Coach to Improve Independent Healthy-Life-Years of the Elderly)” ammesso al finanziamento dall’Unione Europea nell’ambito di Horizon 2020 SC1-PM-15-2017.  
“Personalised coaching for well-being and care of people as they age” call - Research and Innovation action.  
Funding Unicompania: € 316.782,50  
Funding WP8: € 199.500  
**Role: Work Package leader (WP8).**

11/2017 ⇒ 10/2020

- “Route-To-PA (Raising Open and User-friendly Transparency-Enabling Technologies for Public Administrations) ”  
*Aim of the project:* The ROUTE-TO-PA project aims at improving the engagement of citizens by making them able to socially interact over open data, by

forming or joining existing online communities that share common interest and discuss common issues.

**Role: Participant and responsible for several tasks.**

**02/2015  $\Rightarrow$  01/2018**

- “vAssist (Voice Controlled Assistive Care and Communication Services for the Home) ”. The goal of the vAssist project is to provide specific voice controlled Home Care and Communication Services for older persons.

**Role: Partecipant.**

**10/2013  $\Rightarrow$  12/2013**

- “LEAD: Technology-enhanced learning and problem-solving discussions: Networked learning environments in the classroom”. FP6-IST - Information Society Technologies: thematic priority under the specific programme “Integrating and strengthening the European research area”.

*Scopo:* Studio di problematiche relative al Problem Solving Collaborativo nei processi di apprendimento in classes.

**Role: Participant and responsible for several tasks.**

**11/2005  $\Rightarrow$  11/2008**

- “WEB-MINDS - Wide Scale, Broadband, Middleware, for Network Distributed Services” (FIRB)

*Scopo:* Studio di tecnologie per la creazione di infrastrutture middleware per la fornitura di supporti sicuri, affidabili e disponibili per l’accesso alle informazioni da parte di terminali fissi e mobili.

**Role: Partecipant.**

**11/2002  $\Rightarrow$  10/2005**

#### EDITORIAL ACTIVITY

- **Associate Editor** of COGNITIVE COMPUTATION.  
Scimago SUBJECT AREA AND CATEGORY:

- Computer Science Applications Q1
- Computer Vision and Pattern Recognition Q1

H-index: 56

Scopus: “Computer Science Applications” Q1.

**10/2022  $\Rightarrow$  to date**

- **Associate Editor** of Journal of Ambient Intelligence and Humanized Computing (JAIHC)  
Scimago SUBJECT AREA AND CATEGORY:
  - Computer Science (miscellaneous) Q1H-index: 52  
Scopus: “General Computer Science” Q1.

**10/06/2022  $\Rightarrow$  to date**

- **Associate Editor** of Frontiers in Computer Science  
Scimago SUBJECT AREA AND CATEGORY:
  - Computer Science-Computer Science (miscellaneous) Q1
  - Computer Science-Computer Science Application Q2H-index: 21

**01/03/2020  $\Rightarrow$  to date**

- **Guest Editor** of a special issue on Theoretical Computer Science (Italian Conference on Theoretical Computer Science).

**02/11/2020**

- **Guest Editor** of a special issue on Advances in Human-Computer Interaction - Associate Editor of Frontiers in Computer Science.  
[https://www.uniulm.de/fileadmin/website\\_uni\\_ulm/iui.inst.130/Mitarbeiter/schwenker/256520.pdf](https://www.uniulm.de/fileadmin/website_uni_ulm/iui.inst.130/Mitarbeiter/schwenker/256520.pdf)

**01/01/2019**

- **Guest Editor** of a special issue on International Journal on Artificial Intelligence Tools (International Conference on Tools with Artificial Intelligence 2015).

**01-02-2017**

ORGANIZATION OF  
SCIENTIFIC  
MEETINGS

- Program chair of PADABS'13 to '17. (<https://sites.google.com/site/workshoppadabs/>).
- Program chair of HYTAC'19 (<http://hytac.isislab.it>).
- Program chair of ICTCS '20 (<https://sites.google.com/view/ictcs-2020/home>).
- Program chair of ICTAI '23 (<https://ictai.computer.org/2023/>).
- Program committee member of 40+ international conferences and/or workshops.
- Organizing committee of 20+ international conferences and/or workshops.

TEACHING  
ACTIVITIES

From 2011 to date Gennaro taught different institutional courses at Dept of Psychology University of Campania, and Dept of Computer Science, Salerno University, among those, Fundamentals of Computer Sciences, Distributed Architectures for the Cloud.

FOREIGN  
SHORT-TERM  
VISITS.

- Research fellowship at INTELLIGENT VOICE LIMITED. The fellowship was held as part of the European Menhir project. (<https://menhir-project.eu/>) H2020 Research and Innovation Staff Exchange (RISE).

**01/09/2022 ⇒ 30/09/2022**

- Invited teaching assignment to the International Doctoral Summer School in Conversational Systems for Mental e-health (week-long summer school held online due to the COVID) organized by the University of Granada as part of the european project MENHIR (<https://menhir-project.eu/index.php/summer-school-programme/>).

**05/10/2020 ⇒ 09/10/2020**

- Research fellowship at Telecom ParisTech, Ecole de l'Institut Mines Telecom, Paris France. In collaborazione con la Prof. Laurence Likforman.

**01/09/2017 ⇒ 30/09/2017**

- Research Scholar at laboratory TAPADS (Theoretical Aspect of Parallel and Distributed Systems), Department of Computer Science, University of Massachusetts at Amherst, MA, USA, under the supervision of Dist. Prof. Arnold L. Rosenberg.

**03/2022 ⇒ 11/2025**



PARTICIPATION IN  
THE BOARD OF  
TEACHERS OR  
ASSIGNMENT OF  
POSITIONS WITHIN  
PHD PROGRAMS

- PhD board participation in SCIENCE OF THE MIND at University of Campania (Department of Psychology). CYCLES 34 through 40.
- PhD board participation in TEACHING AND LEARNING SCIENCES: INCLUSION, TECHNOLOGIES, EDUCATIONAL RESEARCH AND EVALUATION at Università di Macerata. CYCLES 39 through 40.
- Member of doctoral examination committee at Kaunas University of Technology, Doctoral School, Lithuania, 2020.
- Member of the doctoral examination committee at Universidad del pais vasco (San Sebastian), Doctoral School in Computer science, Spain, 2023.

SUPERVISION OF  
GRADUATE  
STUDENTS AND  
POSTDOCTORAL  
FELLOWS

- Supervisor of 5 PhD Students.
- Supervisor of 8 research fellows.

INVITED TALKS

- Keynote Speaker a 16th International SMART DIGITAL FUTURES 2023 Conference Human-centered intelligent systems (HCIS). KES-HCIS-23 is an international scientific conference for research in the fields of human centred intelligent systems.

<http://hcis-23.kesinternational.org/keynotespeakers.php#speaker2>

**14/06/2023**

- Gennaro Cordasco e Vittorio Scarano “D-MASON for heterogeneous computing but not also”, NSF Workshop, George Mason University, Fairfax, Virginia.

**16/06/2013**

REVIEWING  
ACTIVITIES

Reviewer of various international journals and conferences, among those Theoretical Computer Science, Theory of Computing Systems, IEEE Transaction on Parallel and Distributed Systems, Hot topics on Peer-to-Peer Systems, Adaptive Hypermedia, Eurographics Italia Chapter, Journal of Parallel and Distributed Computing, Journal of Scheduling, IEEE International Parallel and Distributed Processing Symposium, International European Conference on Parallel and Distributed Computing, Journal of Ambient Intelligence and Humanized Computing, Algorithmica, IEEE Access, Distributed Computing, Frontiers in Computer Science, Discrete Applied Mathematics, International Symposium on Distributed Computing, Algorithm Engineering and Experiments, ACM-SIAM Symposium on Discrete Algorithms, International Colloquium

on Structural Information and Communication Complexity, International Workshop on Combinatorial Algorithms, INFORMS Journal on Computing, Future Generation Computer Systems, International Conference on Tools with Artificial Intelligence, International Journal on Artificial Intelligence Tools International Workshop on Combinatorial Algorithms, International Conference and Workshops on Algorithms and Computation.

AWARDS AND  
MEMBERSHIP IN  
ACADEMIES OF  
RECOGNIZED  
PRESTIGE IN THE  
FIELD

- Best Paper at 116th International Conference and Workshops on Algorithms and Computation (WALCOM 2022), for the paper entitled “Parameterized Complexity of Immunization in the Threshold Model”

**26/05/2022**

- Best Paper at 12TH IEEE INTERNATIONAL CONFERENCE ON COGNITIVE INFOCOMMUNICATIONS, 2021 per l’articolo ”How synthetic voices’ qualities engage the perception of differently aged users (adolescents, young adults, middle-aged and seniors)”

**25/09/2021**

- Best Paper Nominees at the 19th Asia Simulation Conference (AsiaSim 2019) for the paper ”On Evaluating Rust as a Programming Language for the Future of Massive Agent-based Simulations”

**30/10/2019**

- IEEE Certificate of appreciation for the organization of the conference at the 10th IEEE International Conference on Cognitive Info Communication (CogInfoCom 2019), Napoli, Italia.

**25/10/2019 ⇒ to date**

- Membro ISCA International Speech Community Association  
<https://www.isca-speech.org/iscaweb/index.php/about-isca>  
The purpose of the association is to promote, in an international world-wide context, activities and exchanges in all fields related to speech communication science and technology.

**16/09/2019 ⇒ to date**

**01/11/2017**

- Best Project Track Award on Multimodal Communicative Signals: Behavioural and Algorithmic Issues (LangTERRA project) at the 5th IEEE International Conference on Cognitive Info Communication (CogInfoCom 2014), Vietri sul Mare (SA), Italy.

07/11/2014

- IEEE Certificate of appreciation for the presentation of the plenary talk: Youtube Emotional Database: How to acquire user feedback to build a database of emotional video stimuli. at the 4th IEEE International Conference on Cognitive Info Communication (CogInfoCom 2013), Budapest, Hungary.

02/12/2013

- SIREN Member (Società Italiana Reti Neuroniche)  
<https://www.siren-neural-net.it/siren/en/>  
The Società Italiana Reti Neuroniche (SIREN) is the oldest Italian society, founded in 1989, dealing with Artificial Neural Networks. Created by an intuition of Prof. Eduardo Caianiello, who in 1988 gathered in Vietri some of the most representative Italian scientists in the field of neuroscience found hospitality at the Italian Institute for Advanced Scientific Studies (IIASS, <http://www.iiassvietri.it/it/>), located in Vietri sul Mare (SA), Italy. At IIASS, every year is organized the International Workshop on Neural Networks (WIRN) that gathers together Italian and international research groups working in the field. SIREN steering committee member and treasurer.

25/05/2013  $\Rightarrow$  to date

## PUBLICATIONS

### Journal Publications:

1. Prinzi F., Barbiero P., Greco C., Amorese T., Cordasco G., Liò P., Vitabile S., Esposito A. “*Using AI explainable models and handwriting/drawing tasks for psychological well-being*”. In Information Systems, 127, ISSN: 3064379, DOI: 10.1016/j.is.2024.102465, 2025.
2. Cordasco G., Gargano L., Rescigno A.A. “*Graph Burning in Community-based Networks*”. In Journal of Graph Algorithms and Applications, 28(3), pages 11-30, ISSN: 15261719, DOI: 10.7155/jgaa.v28i3.2969, 2024.
3. Antelmi A., Caramante P., Cordasco G., D’ambrosio G., De Vinco D., Foglia F., Postiglione L., Spagnuolo C. “*Reliable and Efficient Agent-Based Modeling and*

- Simulation*". In Journal of Artificial Societies and Social Simulation (JASSS), 27(2), ISSN: 14607425, DOI: 10.18564/jasss.5300, 2024.
4. Cordasco G., Gargano L., Rescigno A.A. "*Getting linear time in graphs of bounded neighborhood diversity*". In Networks, ISSN: 283045, DOI: 10.1002/net.22232, 2024.
  5. Di Gennaro G., Greco C., Buonanno A., Cuciniello M., Amorese T., Ler M. S., Cordasco G., Palmieri F. A.N., Esposito A. "*HUM-CARD: A human crowded annotated real dataset*". In Information Systems, 124, ISSN: 3064379, DOI: 10.1016/j.is.2024.102409, 2024.
  6. Cordasco G., Gargano L., Rescigno A.A. "*Parameterized complexity for iterated type partitions and modular-width*". In Discrete Applied Mathematics, 350, pages 100-122, ISSN: 0166218X, DOI: 10.1016/j.dam.2024.03.009, 2024.
  7. Cuciniello M., Amorese T., Greco C., Callejas-Carrion Z., Vogel C., Cordasco G., Esposito A. "*Cultural Differences in the Assessment of Synthetic Voices*". In International Journal of Neural Systems, 34(2), ISSN: 1290657, DOI: 10.1142/S0129065724500084, 2024.
  8. Cuciniello M., Amorese T., Greco C., Callejas-Carrion Z., C. Vogel, Cordasco G., Esposito A. "*A Synthetic Voice for an Assistive Conversational Agent: A Survey to Discover Italian Preferences regarding Synthetic Voice's Gender and Quality Level*". In Human Behavior and Emerging Technologies, 2023, ISSN: 25781863, DOI: 10.1155/2023/8858268, 2023.
  9. Greco C., Raimo G., Amorese T., Cuciniello M., Mcconvey G., Cordasco G., Faundez-Zanuy M., Vinciarelli A., Callejas-Carrion Z., Esposito A. "*Discriminative Power of Handwriting and Drawing Features in Depression*". In International Journal of Neural Systems, ISSN: 1290657, DOI: 10.1142/S0129065723500697, 2023.
  10. Antelmi A., Cordasco G., Polato M., Scarano V., Spagnuolo C., Yang D. "*A Survey on Hypergraph Representation Learning*". In ACM Computing Surveys, 56(1), pages 1-38, ISSN: 1784617, DOI: 10.1145/3605776, 2023.
  11. Cordasco G., Gargano L., Rescigno A.A. "*Immunization in the Threshold Model: A Parameterized Complexity Study*". In Algorithmica, ISSN: 1784617, DOI: 10.1007/s00453-023-01118-y, 2023.
  12. Esposito A., Amorese T., Cuciniello M., Esposito A. M., Cordasco G. "*Do you like me? Behavioral and physical features for socially and emotionally engaging interactive systems*". In Frontiers in Computer Science, 5, ISSN: 26249898, DOI: 10.3389/fcomp.2023.1138501, 2023.

13. Esposito A., Amorese T., Buonanno M., Cuciniello M., Esposito A. M., Faundez-Zanuy M., Likforman-Sulem L., Riviello M. T., Spagnuolo C., Troncone, A., Cordasco G. “*Handwriting and Drawing Features for Detecting Personality Traits: An Analysis on Big Five Sub-dimensions*”. In Acta Polytechnica Hungarica, 19(11), pages 65-84, ISSN: 17858860, DOI: 10.12700/APH.19.11.2022.11.4, 2022.
14. Antelmi A., Cordasco G., D’Ambrosio G., De Vinco D., Spagnuolo C. “*Experimenting with Agent-Based Model Simulation Tools*”. In Applied Sciences, 13(1), ISSN: 20763417, DOI: 10.3390/app13010013, 2023.
15. Greco C., Esposito A., Cordasco G., Matarazzo O. “*Reciprocity versus Self-Interest in a Competitive Interaction Context: An Experimental Study*”. In Psychological Reports, ISSN: 332941, DOI: 10.1177/00332941221129137, 2022.
16. Antelmi A., Cordasco G., Spagnuolo C., Szufel P. “*Social influence maximization in hypergraphs*”. In Entropy, 23(7), ISSN: 10994300, DOI: 10.3390/e23070796, 2021.
17. Cordasco G., Gargano L., Rescigno A.A. “*Dual domination problems in graphs*”. In Journal of Computer and System Sciences, 128, pages 18-34, ISSN: 220000, DOI: 10.1016/j.jcss.2022.03.003, 2022.
18. Esposito A., Cuciniello M., Amorese T., Vinciarelli A., Cordasco G. “*Humanoid and android robots in the imaginary of adolescents, young adults and seniors*”. In Journal of Ambient Intelligence and Humanized Computing, ISSN: 18685137, DOI: 10.1007/s12652-022-03806-z, 2022.
19. Nolasco-Flores J.A., Faundez-Zanuy M., Velázquez-Flores O.A., Del-Valle-Soto C., Cordasco, G., Esposito, A. “*Mood State Detection in Handwritten Tasks Using PCA mFCBF and Automated Machine Learning*”. In Sensors, 22(4), ISSN: 14248220, DOI: 10.3390/s22041686, 2022.
20. Esposito A., Amorese T., Cuciniello M., Riviello M.T., Cordasco G. “*Age and gender effects on the human’s ability to decode posed and naturalistic emotional faces*”. In Pattern Analysis and Applications, 25(3), pages 589-617, ISSN: 14337541, DOI: 10.1007/s10044-021-01049-w, 2022.
21. Amorese T., Cuciniello M., Vinciarelli A., Cordasco G., Esposito A. “*Synthetic vs Human Emotional Faces: What Changes in Humans’ Decoding Accuracy*”. In IEEE Transactions on Human-Machine Systems, ISSN: 21682291, DOI: 10.1109/THMS.2021.3129714, 2021.
22. Vitale F., Carbonaro B., Cordasco G., Esposito A., Marrone S., Raimo G. and Verde L. “*A privacy-oriented approach for depression signs detection based on speech analysis*”. In Eletronics, 10(23), ISSN: 20799292, DOI: 10.3390/electronics10232986, 2021.

23. Antelmi A., Cordasco G., Scarano S., Spagnuolo C. “*Modeling and Evaluating Epidemic Control Strategies with High-Order Temporal Networks*”. In IEEE Access, ISSN: 21693536, DOI: 10.1109/ACCESS.2021.3119459, 2021.
24. Greco C., Matarazzo O., Cordasco G., Vinciarelli A., Callejas Z., Esposito A. “*Discriminative power of EEG-based biomarkers in major depressive disorder: A systematic review*”. In IEEE Access, ISSN: 21693536, DOI: 10.1109/ACCESS.2021.3103047, 2021.
25. Troncone A., Saturno R., Buonanno M., Pugliese L., Cordasco G., Vogel C., Esposito A. “*Advanced assistive technologies for elderly people: A psychological perspective on older users’ needs and preferences (part B.)*”. In Acta Polytechnica Hungarica, 18(1), pages 29-44, ISSN: 17858860, DOI: 10.12700/APH.18.1.2021.1.3, 2021.
26. Nolasco-Flores J.A, Faundez-Zanuy M, Velazquez-Flores O.A., Cordasco, G., Esposito, A. “*Emotional State Recognition Performance Improvement on a Handwriting and Drawing Task*”. In IEEE Access, ISSN: 21693536, DOI: 10.1109/ACCESS.2021.3058443, 2021.
27. Spagnoli P., Buono C., Kovalchuk L.S., Cordasco G., Esposito A. “*Perfectionism and Burnout During the COVID-19 Crisis: A Two-Wave Cross-Lagged Study*”. In Frontiers in Psychology, 11, ISSN: 16641078, DOI: 10.3389/fpsyg.2020.631994, 2021.
28. Conson M., Polito F., Di Rosa A., Trojano L., Cordasco G., Esposito A., Turi M. “*Not Only Faces: Specialized Visual Representation of Human Hands Revealed by Adaptation*”. In Royal Society Open Science, 7(12), ISSN: 20545703, DOI: 10.1098/rsos.200948, 2020.
29. Cosenza, B., Popov, N., Juurlink, B., Richmond, P., Chimeh, M.K., Spagnuolo, C., Cordasco, G., Scarano, V. “*Easy and Efficient Agent-based Simulations with the OpenABL Language and Compiler*”. In Future Generation Computer Systems, 116, pages 61-75, ISSN: 0167739X, DOI: 10.1016/j.future.2020.10.014, 2021.
30. Panico F., Cordasco G., Vogel C., Trojano L., Esposito A. “*Ethical issues in Assistive Ambient Living technologies for ageing well*”. In Multimedia Tools and Applications, DOI: 10.1007/s11042-020-09313-7, 2020.
31. Cordasco, G., D’Auria, M., Negro, A., Scarano, V., Spagnuolo, C. “*Towards a Domain-Specific Language for Scientific Workflow on Multi-cloud Environments*”. In Concurrency Computation, DOI: 10.1002/cpe.5802, 2020.
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