Daniele Baccega

BIOGRAPHICAL INFORMATION

DATE OF BIRTH:	March 9, 1994
PLACE:	Torino (TO), Italy
NATIONALITY:	Italian

RESEARCH INTERESTS

Computational epidemiology, artificial intelligence, performance evaluation, systems modeling

CURRENT POSITION

National Ph.D. student in Artificial Intelligence at Department of Computer Science, University of Turin (2° year)

EDUCATION

JULY 2021	Master's Degree in Computer Science at University of Turin. Thesis title: *Un modello ad agenti per il supporto delle strategie di controllo dell'infezione di SARS-CoV-2 a scuola*. Supervisor: Matteo Sereno. Final vote: 110/110 cum laude with Dignity of the Press
APRIL 2017	Bachelor's Degree in Computer Science at University of Turin. Thesis title: *LogNet: un nuovo servizio per cercare risorse in Internet*. Supervisor: Matteo Sereno. Final vote: 110/110 cum laude

CONTRACTS, SCHOLARSHIPS AND RESEARCH GRANTS

2018	Scholarships, *Ripresa delle attivitá socio-economiche e delle scuole: modelli per la progettazione e supporto di linee guida per la convivenza con il Covid-19*, 1 month duration (Scientific Responsible Matteo Sereno)
2014	Scholarships, *Sperimentazione di metodi per il machine learning distribuito*, 12 month duration (Scientific Responsible Marco Aldinucci)

TEACHING

2022-2023	*Tutoring for students in Programming I and II courses.* at Department of Computer Science, University of Turin	Exerciser	40 hours
2022-2023	*Tutoring for students in Operating System course.* at Department of Computer Science, University of Turin	Exerciser	20 hours

ARTICLES PUBLISHED IN JOURNAL

[J.1] Daniele Baccega, Simone Pernice, Pietro Terna, Paolo Castagno, Giovenale Moirano, Lorenzo Richiardi, Matteo Sereno, Sergio Rabellino, Milena Maria Maule, and Marco Beccuti. *An Agent-Based Model to Support Infection Control Strategies at School.* In: Journal of Artificial Societies and Social Simulation 25.3 (2022), p. 2. URL: http://jasss.soc.surrey.ac.uk/25/3/2.html. doi: 10.18564/jasss.4830. Scimago Journal Citation Ranking: Q1 in Computer Science

ARTICLES PUBLISHED AT CONFERENCES

[C.1] Daniele Baccega, Simone Pernice, Paolo Castagno, Matteo Sereno, and Marco Beccuti. *Evaluating the Impact of Mask and Quarantine Policies on the Spread of COVID-19 in Schools using computational modeling.* In the 18th Conference on Computational Intelligence Methods for Bioinformatics & Biostatistics (CIBB 2023) GRIN Ranking: -

[C.2] Paolo Viviani, Maurizio Drocco, Daniele Baccega, Iacopo Colonnelli, and Marco Aldinucci. *Deep Learning at Scale.* In Proc. of the 27th Euromicro Intl. Conference on Parallel Distributed and network-based Processing (PDP) (2019). doi:10.1109/EMPDP.2019.8671552 GRIN Ranking: -

POSTERS PRESENTED AT CONFERENCES

[P.1] Daniele Baccega, Marco Beccuti, Paolo Castagno, Moirano Giovenale, Milena Maria Maule, Simone Pernice, Lorenzo Richiardi, and Matteo Sereno. 2021. *SARS-CoV-2 does not go to school. An agent-based model to support infection control strategies at school.* In Annual Meeting of the Bioinformatics Italian Society virtual conference (BITS 2021)

ABSTRACTS PRESENTED AT CONFERENCES

[A.1] Andrea Saglietto, Daniele Baccega, Matteo Anselmino, Veronica Dusi, Roberto Esposito, Attilio Fiandrotti and Gaetano Maria De Ferrari. *Artificial intelligence-enabled single-leand ECG versus standard 12-lead ECG.* In 19° Congresso Nazionale AIAC, Bologna (2023)

INTERNATIONAL EVENT ORGANIZATION

2023   EvoGamePlus International Summer School 2023, Ecology and Epidemiology Modeling, Organizer

REVIEWER

CONFERENCES
CIBB 2023

JOURNALS
Frontiers in Cardiovascular Medicine

OTHERS
Qeios

Bibliometric metrics

Scopus

Publications: 2   H-index: 2   Total citations: 8

Google Scholar

Publications: 2   H-index: 2   Total citations: 11