

CURRICULUM VITAE

Gennaro Iaccarino

I received master's degree (2004) and PhD (2009) in Computer Science. Since 2010, I am contract professor and teaching assistant at the Free University of Bozen-Bolzano. Currently my research areas are computer-supported education, collaborative and blended learning, and equity with technology.

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

Gennaro Iaccarino, Tommaso Mazza, Corrado Priami
Snazer: the simulations and networks analyzer.

BMC Systems Biology,
4(1):1-37 - January 2010.
DOI:10.1186/1752-0509-4-1

This paper is "Highly accessed". See <http://www.biomedcentral.com/info/about/mostviewed/> for more information about the designation.

Ugo Erra, Gennaro Iaccarino, Delfina Malandrino, Vittorio Scarano
Personalizable Edge Services for Web Accessibility. (Long paper)

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6(3):285-306 - November 2007. Springer Berlin Heidelberg.
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A DNA Arithmetic Logic Unit.
WSEAS Transactions on Biology and Biomedicine,
4(1):436-440 - October 2004. WSEAS press.

PROCEEDINGS OF CONFERENCES

Ilenia Fronza, Gennaro Iaccarino, Luis Corral

An Approach Based on Learning by Teaching to Support the Vertical Alignment of the Educational Robotics Curriculum

Proceedings of the 16th International Conference on Computer Supported Education (CSEDU2024). May 2-4, 2024.

Gennaro Iaccarino, Sara Tosi, Daniel Gallo, Ilenia Fronza

Una strategia didattica per favorire l'apprendimento di concetti di Robotica Educativa in microlingua L2 e L3 in un contesto plurilingue.

Primo Convegno Italiano sulla Didattica dell'Informatica (ITADINFO 2023). Bari 13-15 Ottobre 2023. PP. 40-46

Ilenia Fronza, Gennaro Iaccarino, Luis Corral

Learning robotics by teaching at Science Festivals

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Ilenia Fronza, Gennaro Iaccarino, Sara Tosi, Luis Corral, Claus Pahl

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Gennaro Iaccarino, Sara Tosi, Ilenia Fronza, Luis Corral

Laboratorio di #bioinformatica: un PCTO innovativo in periodo pandemico e post pandemico.

Proceedings of the Annual AICA Conference "DIDAMATICA 2022: La trasformazione digitale nella scuola". November 10-11, 2022, Milano (Italy).

Ilenia Fronza, Luis Corral, Gennaro Iaccarino, Lucia Bartoli, Claus Pahl
Work-From-Anywhere Skills: Aligning Supply and Demand Starting from High Schools.
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Gennaro Iaccarino, Lucia Bartoli, Ilenia Fronza, Luis Corral
PCTO per l'acquisizione di competenze di smart working.
Proceedings of the Annual AICA Conference "DIDAMATICA 2021: Artificial Intelligence for Education". October 7-9, 2021, Palermo (Italy).

Ilenia Fronza, Luis Corral, Gennaro Iaccarino, Claus Pahl
Enabling Peer-Led Coding Camps by Creating a Seed Effect in Young Students.
Proceedings of the 22nd Annual ACM Conference on Information Technology Education (SIGITE2021). Brigham Young University and Utah Valley University. October 6-9, 2021. Pp. 117-122. DOI: <https://doi.org/10.1145/3450329.3476860>

Anna Brancaccio, Luis Corral, Ilenia Fronza, Gennaro Iaccarino
Building Smart Apps for Smart Cities: un esempio di sinergia tra PCTO ed Educazione Civica, concluso ai tempi di COVID-19.
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Ilenia Fronza, Luis Corral, Claus Pahl, Gennaro Iaccarino
Evaluating the Effectiveness of a Coding Camp through the Analysis of a Follow-up Project.
Proceedings of the 21st Annual ACM Conference on IT Education (SIGITE2020). University of Nebraska - Omaha's College. October 7-9, 2020. Pp. 248-253.
DOI: <https://doi.org/10.1145/3368308.3415391>

Gennaro Iaccarino, Tommaso Mazza
Fastest Parallel Molecular Algorithms for the Elliptic Curve Discrete Logarithm Problem over $GF(2^n)$.
Workshop on Bio-Inspired Algorithms for Distributed Systems (BADS'09). ACM Press, pp. 95-104. June 19, 2009. Barcelona, Spain.

Domenico Aliotta, Pietro Buffa, Gennaro Iaccarino.
An Evolutionary General Purpose WebGIS to Disclose EGFR Mutations in Lung Cancer.
Proceedings of the 10th International Conference on Visual Information Systems (VISUAL08). LNCS 5188, pp. 247-258. Springer-Verlag Berlin Heidelberg 2008.

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A Conventional Strands Evaluator for DNA Computations.
IEEE Proceedings of the 2nd International Conference on Bio-Inspired Models of Networks, Information, and Computing Systems (BIONETICS 2007).
December 10-13, 2007 – Budapest, Hungary.

Filomena de Santis, Nicola Di Luca, Gennaro Iaccarino.
Exploiting Constraints in the Codeword Design.
Proceedings of the International Conference of System Biology and Bioengineering 2007 (ICSBB 2007). July 2-4, 2007 - London UK. Lecture Notes in Engineering and Computer Science, v. II, pp. 1455-1459.

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B-Splines for Genomic Signatures.
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June 26-29, 2006, Las Vegas, Nevada, USA.
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Gennaro Iaccarino, Delfina Malandrino, Marco Del Percio, Vittorio Scarano.

Efficient Edge-Services for Colorblind Users.

ACM Proceedings of the 15th International Conference on World Wide Web (WWW 2006), May 23-26, 2006, Edinburgh, Scotland, UK. ACM Press, New York, NY, pp. 919-920.

DOI: <https://doi.org/10.1145/1135777.1135944>

Filomena de Santis, Gennaro Iaccarino.

Logical Design with Molecular Components.

Proceedings of the Intelligent Information Systems 2005 (IIS 2005). June 13-16, 2005, Gdansk, Poland. Advances in Soft Computing series, pp. 476-480. Springer-Verlag.

**POSTERS IN
CONFERENCES**

Filomena de Santis, Nicola Di Luca, Gennaro Iaccarino

DNAEdit: a Java Tool for the Codeword Problem.

Abstract in Proceedings of the IEEE 7th International Symposium on Bioinformatics and Bioengineering (IEEE BIBE07). October 14-17, Boston, Massachusetts, USA.

Anna Paola Coppola, Filomena de Santis, Gennaro Iaccarino

In-vitro Molecular Flip-Flop.

Abstract in Poster Proceedings of the 12th International Meeting on DNA Computing (DNA12). June 5-9, 2006, Seoul, Korea.

Filomena de Santis, Gennaro Iaccarino, Domenico Iovino

Spline Functions to Disclose the Genomic Signature.

Abstract in Proceedings of the 11th Human Genome Meeting (HGM 2006). May 31 – June 3, 2006, Helsinki, Finland.

LANGUAGES

Italian - first language

English - full professional knowledge

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Gennaro IACCARINO