Giovanni Squillero's 1-page biosketch

Giovanni Squillero works as a full professor of computer science at Politecnico di Torino, Department of Control and Computer Engineering. His research combines artificial intelligence and soft computing, in particular bio-inspired meta-heuristics, multi-agent systems, and approximate optimization. The industrial applications of his work range from electronic CAD to bioinformatics, to the cultural sector. As of October 2025, he is credited as an author in 3 books, 44 journal articles, 11 book chapters, and 153 papers in conference proceedings; he is also listed as an editor in 16 volumes. As an entrepreneur, he co-founded *Ominee*, S.r.l. in 2014, *Bactell*, Inc. in 2019, and *Ai·Culture*, S.r.l. in 2024.

Squillero has been an *IEEE Senior Member* since 2014; currently he serves on the technical committee of the *IEEE Computational Intelligence Society Games* and on the editorial board of *Genetic Programming and Evolvable Machines*. He was the program chair of the *European Conference on the Applications of Evolutionary Computation* in 2016 and 2017, and he is now a member of the steering committee of *EvoApplications*. In 2024 he co-organized *GGP*, the workshop on *Graph Genetic Programming* at GECCO; in 2018, *EvoML*, the workshop on *Evolutionary Machine Learning* at PPSN; in 2016 and 2017, *MPDEA*, the workshop on *Measuring and Promoting Diversity in Evolutionary Algorithms* at GECCO; and from 2004 to 2014, *EvoHOT*, the *Workshops on Evolutionary Hardware Optimization Techniques*.

Since 1998, Squillero has lectured 85 university courses (19 phd, 6 ms, 60 bs; 48 in English, 37 in Italian); he has contributed to another 39 courses as an assistant or in other ancillary roles. He has presented 14 tutorials (13 in top conferences); he has been invited to give 1 keynote and 5 talks (2 in national events). Squillero also contributes to various open source projects and regularly publishes his research and teaching materials on GitHub.

On a more playful note, after coaching the team that won the bronze medal at SWERC17, Squillero helped creating CPPolito, Politecnico's student team for competitive programming. Then, in 2022, he assisted the establishment of Scacchi PoliTO, the student organization for promoting chess-related activities, where he continues to serve as an advisor.

Contacts

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