

UNIVERSITÀ DEGLI STUDI DI MILANO

Procedura di selezione per la chiamata a professore di I fascia da ricoprire ai sensi dell'art. 18, comma 1, della Legge n. 240/2010 per il settore concorsuale 01/B1 — Informatica, (settore scientifico-disciplinare INF/01 — Informatica) presso il Dipartimento di INFORMATICA "GIOVANNI DEGLI ANTONI", (avviso bando pubblicato sulla G.U. n. 94 del 01/12/2020) - Codice concorso 4492

Giovanni Squillero

CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

| | |
|-----------------|-----------------|
| COGNOME | SQUILLERO |
| NOME | GIOVANNI |
| DATA DI NASCITA | 23 OTTOBRE 1970 |

Biosketch

Giovanni Squillero is an associate professor of computer science at Politecnico di Torino, Department of Control and Computer Engineering. Nowadays his research mixes standard Computational Intelligence with selected topics from Machine Learning, with particular emphasis on bio-inspired metaheuristics and multi-agent systems; in more down-to-earth research lines, he develops approximate optimization techniques able to achieve *acceptable* solutions with *limited* amount of resources. The industrial applications of his work range from electronic CAD to bioinformatics.

Up to December 2020, he is credited as an author in 3 books, 34 journal articles, 11 book chapters, and 148 papers in conference proceedings; he is also listed among the editors in 15 volumes. Squillero has been a Senior Member of the *IEEE* since 2014; currently, he is serving in the technical committee of the *IEEE Computational Intelligence Society Games*, in the executive board of the *Society for the Promotion of Evolutionary Computation in Europe and its Surroundings* (SPECIES), and in 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 *EvoApplications* steering committee. In 2018 he co-organized *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*. As an entrepreneur, he co-founded *Ominee*, S.r.l. in 2014, and *Bactell*, Inc. in 2019.

Since 1998, Squillero lectured 61 university courses (14 Ph.D. and 47 M.S./B.Sc.; 36 in Italian and 25 in English); he contributed to additional 37 courses as an assistant or in other subsidiary roles. He was given the opportunity to present his research in 13 international events among invited talks, seminars and tutorials.

Positions

Italian National Scientific Qualifications awarded for Full Professor positions (“Abilitazioni Scientifiche Nazionali di I fascia”)

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|---|
| Academic Recruitment Field (“ <i>Settore Concorsuale</i> ”) |
| 09-H1 SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI |
| 01-B1 INFORMATICA |

Current Academic Position

| | |
|--|--|
| Qualification/Title | ASSOCIATE PROFESSOR (PA) |
| University | POLITECNICO DI TORINO CORSO DUCA DEGLI ABRUZZI, 24 10129 TORINO, ITALY |
| Department | AUTOMATICA E INFORMATICA (DAUIN) |
| Academic Recruitment Field (if the candidate holds a position in an Italian University, she/he should insert the “ <i>Settore Concorsuale</i> ”) | 09-H1 |
| Academic Discipline (formally named “ <i>Settore Scientifico Disciplinare</i> ”, only for candidates who hold a position in an Italian University) | ING-INF/05 |

Working experience (please use the following table in order to briefly describe the working positions covered by the candidate)

| | |
|---|---|
| Dates (from .. to..) | FROM 1/6/2016 (CURRENT) |
| Name and address of the Employer (Public or/and private institution/body) | POLITECNICO DI TORINO CORSO DUCA DEGLI ABRUZZI, 24 10129 TORINO, ITALY |
| Position held (for positions in Universities, the candidate should indicate the Faculty/College/School and the Department; in case of Italian Universities the candidate is also requested to indicate the “ <i>Settore Scientifico Disciplinare</i> ”) | ASSOCIATE PROFESSOR POLITECNICO DI TORINO DEPARTMENT OF CONTROL AND COMPUTER ENGINEERING SSD: ING-INF/05 |
| Main activities/responsibilities | PROFESSOR IN ACADEMIA: RESEARCH AND TEACHING, INCLUDING THE MANAGEMENT OF INDEPENDENT RESEARCH PROJECTS AND ADMINISTRATIVE RESPONSABILITIES |

| | |
|---|--|
| Dates (from .. to..) | FROM 1/1/2005 TO 31/5/2016 |
| Name and address of the Employer (Public or/and private institution/body) | POLITECNICO DI TORINO CORSO DUCA DEGLI ABRUZZI, 24 10129 TORINO, ITALY |
| Position held (for positions in Universities, the candidate should indicate the Faculty/College/School and the Department; in case of Italian Universities the candidate is also requested to indicate the “ <i>Settore Scientifico Disciplinare</i> ”) | ASSISTANT PROFESSOR (“RICERCATORE UNIVERSITARIO”) POLITECNICO DI TORINO DEPARTMENT OF CONTROL AND COMPUTER ENGINEERING SSD: ING-INF/05 CONFIRMED “CONFERMATO IN RUOLO DI RICERCATORE UNIVERSITARIO” WITH D.R. 185 OF JULY 11th, 2008 ENROLLED AS TENURED ASSISTANT PROFESSOR “IMMESSO NELLA FASCIA DEI RICERCATORI CONFERMATI” ON JANUARY 1st, 2008 |
| Main activities/responsibilities | ASSISTANT PROFESSOR IN ACADEMIA: RESEARCH AND TEACHING, INCLUDING SOME ADMINISTRATIVE AND MANAGEMENT RESPONSABILITIES |

| | |
|---|--|
| Dates (from .. to..) | FROM 1/8/2002 TO 31/12/2004 |
| Name and address of the Employer (Public or/and private institution/body) | POLITECNICO DI TORINO CORSO DUCA DEGLI ABRUZZI, 24 10129 TORINO, ITALY |
| Position held (for positions in Universities, the candidate should indicate the Faculty/College/School and the Department; in case of Italian Universities the candidate is also requested to indicate the “ <i>Settore Scientifico Disciplinare</i> ”) | UNIVERSITY RESEARCHER (“RICERCATORE UNIVERSITARIO A TEMPO DETERMINATO”) POLITECNICO DI TORINO DEPARTMENT OF CONTROL AND COMPUTER ENGINEERING SSD: ING-INF/05 |
| Main activities/responsibilities | UNIVERSITY RESEARCHER: RESEARCH AND TEACHING, INCLUDING LIMITED MANAGEMENT RESPONSABILITIES |

| | |
|---|--|
| Dates (from .. to..) | Da 15/11/2000 a 31/07/2002 |
| Name and address of the Employer (Public or/and private institution/body) | POLITECNICO DI TORINO CORSO DUCA DEGLI ABRUZZI, 24 10129 TORINO, ITALY |
| Position held (for positions in Universities, the candidate should indicate the | RESEARCH FELLOW (“ASSEGNISTA DI RICERCA — AR”) |

| | |
|--|--|
| Faculty/College/School and the Department; in case of Italian Universities the candidate is also requested to indicate the “Settore Scientifico Disciplinare”) | POLITECNICO DI TORINO DEPARTMENT OF CONTROL AND COMPUTER ENGINEERING |
| Main activities/responsibilities | TECHNIQUES FOR ANALYZING AND MODIFYING VHDL DESCRIPTIONS |

Education and Training (please use the following table to describe Degrees awarded, by only indicating the information concerning Bachelor’s Degree, Master of Science’s Degree or/and PhD)

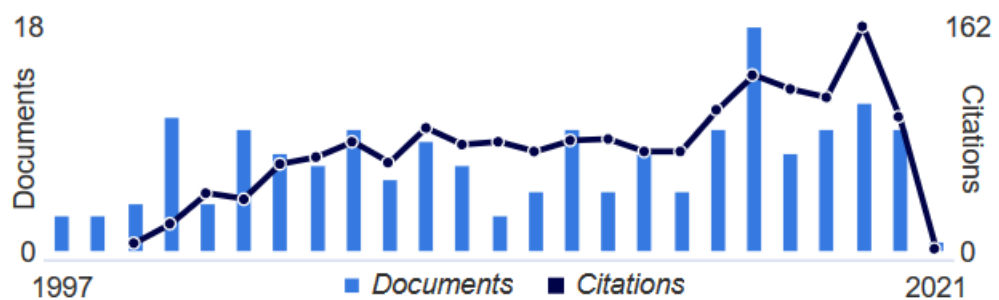
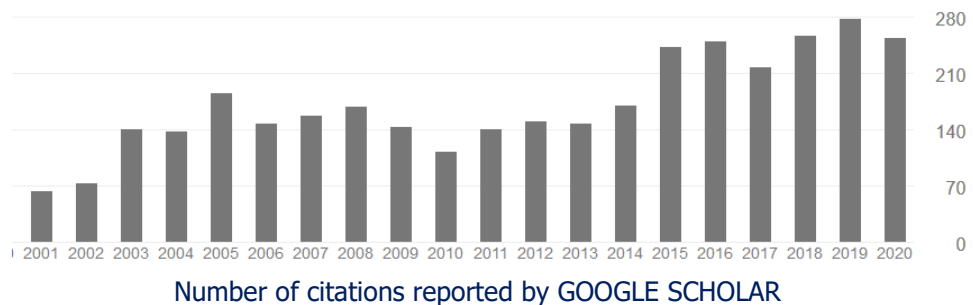
| | |
|--|--|
| Date | 15 MARCH 2002 |
| Institution which issued the degree | POLITECNICO DI TORINO CORSO DUCA DEGLI ABRUZZI, 24 10129 TORINO, ITALY |
| Type of Degree awarded (only Bachelor’s Degree, Master of Science’s Degree, PhD) | PH.D. (“DOTTORE DI RICERCA IN INGEGNERIA INFORMATICA E DEI SISTEMI”) |

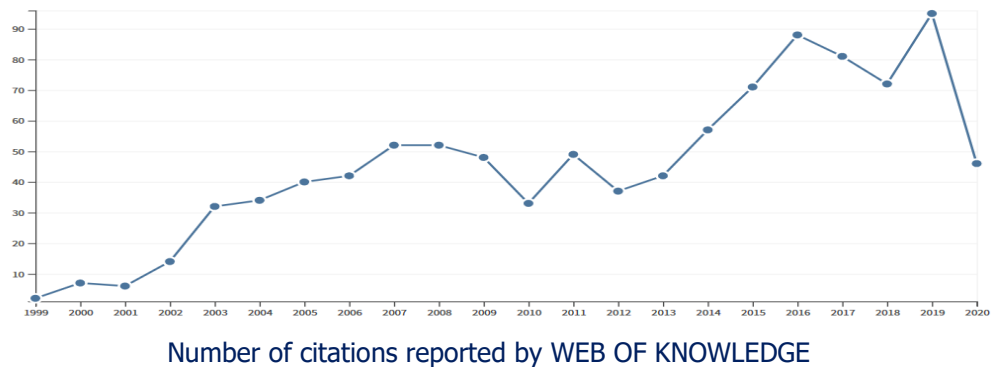
| | |
|--|---|
| Date | 16 JULY 1996 |
| Institution which issued the degree | POLITECNICO DI TORINO |
| Type of Degree awarded (only Bachelor’s Degree, Master of Science’s Degree, PhD) | MASTER OF SCIENCE (“LAUREA DI DOTTORE IN INGEGNERIA INFORMATICA”) |

Indicators related to overall scientific production – In accordance with art. 4 of the notice of competition

| Total number and number in the ten most recent years of articles in published journals included in the main international databases | Total number and number in the fifteen most recent years of citations to his/her own overall scientific production | The overall Hirsch index (H-index) | Database source |
|---|--|------------------------------------|-----------------|
| 34 (total) / 22 (since 2011) | 3,588 (total) / 2,877 (since 2006) | 28 | GOOGLE SCHOLAR |
| 37 (total) / 22 (since 2011) | 1,720 (total) / 1,402 (since 2006) | 20 | SCOPUS |
| 39 (total) / 22 (since 2011) | 1,000 (total) / 865 (since 2006) | 15 | WEB OF SCIENCE |

Note: Both SCOPUS and WEB OF SCIENCES classify as 'Article' some old publications that appeared on 'Lectures Notes in Computer Sciences', I consider them as conference proceedings.





Coordination and management of the research groups

- Squillero supervised/is supervising 7 Ph.D. students, in more detail: he supervised Danilo Ravotto (XXII cycle), Alberto Tonda (XXIII cycle), Marco Gaudesi (XXVII cycle), and Andrea Marcelli (XXXI cycle); he is currently supervising Aleksa Damljanovic (XXXIII cycle) and Eliana Giovannitti (XXXIV cycle), and, together with prof. Stefano Quer, just started co-supervising Andrea Calabrese (XXXVI cycle).
- Squillero coordinates the activities related to evolutionary computation inside the CAD Group (leader: prof. Matteo Sonza Reorda).

Scientific responsibility of research projects

- Research contract (Contratto di ricerca commerciale 319/2007): “Automation of Current Drain Measures” with Motorola Electronics S.p.A. (1 year starting on 01-03-2008)
- Consulting contract (Contratto di consulenza commerciale 398/2011): “Ottimizzazione Percorsi FP” with Spea S.p.A. (3 months starting on 11-05-2011)
- Consulting contract (Contratto di consulenza commerciale 151/2017): “Algoritmo di Ottimizzazione” with Seica S.p.A. (3 months starting on 13-02-2017)
- Research Contract (Contratto di ricerca commerciale 658/2018): “Machine Learning techniques for the prediction of failures based on in-situ sensors values” with Infineon Technologies AG (6 months starting on 15-06-2018)
- Research Contract (Contratto di ricerca commerciale 962/2019): “Machine Learning Techniques for Virtual Antimicrobial Susceptibility Testing” with Bactell Inc. (1 year starting on 30-09-2019)
- In 1999, Squillero was the Proposer and scientific responsible for Progetto giovani ricercatori (young researchers) “Generazione automatica di sequenze per la verifica di progetto di circuiti digitali”
- In 2000, Squillero was the Proposer and scientific responsible for Progetto giovani ricercatori (young researchers) “Generazione automatica di sequenze di collaudo per circuiti digitali”
- In 2001, Squillero was the Proposer and scientific responsible for Progetto giovani ricercatori (young researchers) “Collaudo di microprocessori mediante Genetic Programming [MicroGP]” in 2001
- In 2013, Squillero was the Scientific responsible for evaluating the reliability of control units for the project BioMethAir (Bando Regionale Piattaforma Automotive, Fondo Europeo di Sviluppo Regionale, POR 2007-2013)

- Between 2012 and 2015 (36 months), Squillero was the Scientific responsible for deliverable D7.2 in ARTEMIS Project VeTeSS (Verification and Testing to Support Functional Safety Standards)
- Between January 2014 and December 2014, Squillero was the Scientific Responsible for the project Smart-Gamer (Regione Piemonte/Programma Operativo Regionale, 2013-2014)

Outcomes / Technology Transfers

- In August 2003, after being involved in the project “GP Based Test Program generation” with Intel, Squillero joined the Embedded Test Methodologies group in Phoenix (AZ) to perform a full technology transfer (ref: Praveen Parvathala, William Lindsay).
- On October 29th, 2014, Squillero founded OMINEE, S.r.l. [together with Paolo Griot]
- On June 28th, 2019, Squillero founded BACTELL, Inc. (a Delaware corporation) [together with Colin Davidson and Guido Meak]

Public Engagement

- Squillero is a member of the Open Access Commission of Politecnico di Torino
- Since 2005, Squillero is routinely distributing his works under open licenses on popular hosting platforms such as GitHub and Sourceforge.

Reputation

- Since 2010, Squillero is a member of the Games Technical Committee (GTC) of the IEEE Computational Intelligence Society
- Since 2014, Squillero is a IEEE Senior Member (Senior Member Grade Elevation Notification: 27/02/2014)
- Since 2018, Squillero is a member of the EvoApplications steering committee
- Since 2019, Squillero is a member of the Executive Board of SPECIES (Society for the Promotion of Evolutionary Computation in Europe and its Surroundings)
- From May 2009 to May 2009, Squillero has been an associate editor of the *Journal of Artificial Evolution and Applications*
- Since June 2012, Squillero is member of the Editorial Board of *Genetic Programming and Evolvable Machines*
- From January 2016 to its end in 2020, Squillero was a Member of the Management Committee (and one of the proposers) of COST action CA15118: Mathematical and Computer Science Methods for Food Science and Industry (FoodMC)
- From April 2016 to its end in 2020, Squillero was a Member of the Management Committee of COST Action CA15140: Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice (ImAppNIO)
- In 1999 Squillero won the Special Jury Award for Outstanding Work for a work presented by a student or young researcher at the First European Workshops organized by EvoNet

- In 2001, Squillero won the Best paper award for “Effective Techniques for High-Level ATPG” published at ATS01: The 10th IEEE Asian Test Symposium
- In 2005, Squillero won the Silver medal (and 1,000 USD cash) at the “2005 Human-Competitive Awards” (also known as “The HUMMIES”) for the paper Evolving Assembly Programs: How Games Help Microprocessor Validation in 2005
- In 2006, Squillero won the Best paper award at IEEE DATE: Design, Automation and Test in Europe for the work “An Effective Technique for Minimizing the Cost of Processor Software-Based Diagnosis in SoCs”
- In 2007, Squillero’s was shortlisted as Best paper candidate at Genetic and Evolutionary Computation Conference for the paper “Coupling EA and High-level Metrics for the Automatic Generation of Test Blocks for Peripheral Cores”
- In 2010, Squillero was shortlisted as Best paper candidate at EvoSTAR 2010 for the paper “Exploiting Evolution for an Adaptive Drift-Robust Classifier in Chemical Sensing”
- In 2001, Squillero was awarded with a Honorable mention at the “2012 Human-Competitive Awards” (also known as: “The HUMMIES”)
- In 2001, Squillero won the Best paper award at EvoSTAR for the paper “Use of a Multi-Objective Evolutionary Algorithm for Influence Maximization in Social Networks”

Coordination of student teams

- In 2017, Squillero coached a student team winning the Bronze Medal in the programming competition “Southwestern Europe Regional Contest” (SWERC)

Participation in International Conferences

- In 2001, Squillero was the Chair of the “Special Session on Design Automation” at the IEEE Congress on Evolutionary Computation (CEC01)
- In 2003, Squillero was the Chair of the “Special Session on Evolutionary Design Automation” at the IEEE Congress on Evolutionary Computation (CEC03)
- From 2004 to 2014, Squillero was the Program chair of “EvoHOT” 2004-14 (formerly the “Workshop on Evolutionary Hardware Optimization Techniques”, then incorporated as a track in the European Conference on the Applications of Evolutionary Computation) [together with Rolf Drechsler]
- In 2004, Squillero was the Track chair “Evolutionary Computation and Optimization” for the ACM Symposium on Applied Computing (SAC04)
- In 2004, Squillero was the Vice chair for IEEE Congress on Evolutionary Computation (CEC04)
- In 2005, Squillero was the Topic Chair for the IEEE Congress on Evolutionary Computation (CEC05)
- In 2005, Squillero was invited to present the tutorial “Applications of evolutionary computation to hardware design” at the “Workshop AIXIA sul calcolo evoluzionistico” (GSICE2005)
- In 2007, Squillero was the Program chair of the “Special Session on Evolutionary Computation for Electronic Design Automation” at the IEEE Congress on Evolutionary Computation (CEC07)

- In 2008, Squillero was the Presenter of the tutorial “EA-based Test and Verification of Microprocessors” at the “Genetic and Evolutionary Computation Conference” (GECCO2008)
- In 2008, Squillero was invited to give a talk on “Methodologies for Test Program Generation Exploiting Simulation Feedback” at the workshop “Pre- and post-SI verification challenges of multi-core systems” organized by Intel and Technion (Haifa)
- In 2009, 2011 and 2012, Squillero was the Track chair of “A-LIFE” (evolutionary robotics, adaptive behavior, and evolvable hardware) at the Genetic and Evolutionary Computation Conference (GECCO09, GECCO11 and GECCO12)
- In 2010, Squillero was invited to present a seminar on “Heuristic Stimuli Generation For Coverage Closure Exploiting Simulation Feedback” at DVClub2010
- In 2010, Squillero was the Program chair of the Ph.D. forum for the 20th International Conference on Field Programmable Logic and Applications (FPL10)
- In 2011, Squillero was the presenter of the tutorial “Industrial Applications of Evolutionary Algorithms” at the “IEEE Conference on Evolutionary Computation” (CEC2011)
- In 2012, Squillero was Track Chair for the “General Track” of European Conference on the Applications of Evolutionary Computation (EvoApplications 2012)
- In 2013, Squillero was the presenter of the tutorial “Industrial Applications of Evolutionary Algorithms” at the “ACM Genetic and Evolutionary Computation Conference” (GECCO2013)
- In 2014, Squillero was the presenter of the tutorial “Brief Overview of Diversity-Preservation Methodologies in Evolutionary Optimization” at the “IEEE World Congress of Computational Intelligence” (WCCI2014)
- In 2015, Squillero was the Publication Chair of the European Conference on the Applications of Evolutionary Computation (EvoApplications 2015) that is, Second name on the cover of the proceedings
- In 2016, Squillero was the Program chair of the workshop on “Measuring and Promoting Diversity in Evolutionary Algorithms” at the Genetic and Evolutionary Computation Conference (GECCO16) [with Alberto Tonda].
- In 2016, Squillero was the Program Chair of the Biannual European-Latin American Summer School on Design, Test and Reliability (BELAS16)
- In 2016, Squillero was the Program chair of the workshop on “Measuring and Promoting Diversity in Evolutionary Algorithms” at the Genetic and Evolutionary Computation Conference (GECCO16) [with Alberto Tonda]
- In 2016, Squillero was the Program chair of the *European Conference on the Applications of Evolutionary Computation* (EvoApplications 2016) — that is, First name on the cover of the proceedings
- In 2016, Squillero was the Presenter of the tutorial “Promoting Diversity in Evolutionary Optimization: Why and How” at the “International Conference on Parallel Problem Solving from Nature” (PPSN2016)
- In 2017, Squillero was the Program chair of the European Conference on the Applications of Evolutionary Computation (EvoApplications 2017) — that is, First name on the cover of the proceedings

- In 2017, Squillero was the Program chair of the workshop on “Measuring and Promoting Diversity in Evolutionary Algorithms” at the Genetic and Evolutionary Computation Conference (GECCO17) [with Alberto Tonda]
- In 2018, Squillero was the Presenter of the tutorial “Promoting Diversity in Evolutionary Optimization: Why and How” at the “ACM Genetic and Evolutionary Computation Conference” (GECCO2018)
- In 2018, Squillero was the Program chair of the workshop on “Evolutionary Machine Learning” at the Genetic and Evolutionary Computation Conference (GECCO18) [with Alberto Tonda]
- In 2020, Squillero was the Presenter of the tutorial “Evolutionary Algorithms & Machine Learning: Synergies and challenges” at the ACM Genetic and Evolutionary Computation Conference (GECCO2020)
- In 2020, Squillero was the Presenter of the tutorial “Theory and Practice of Population Diversity in Evolutionary Computation” at the ACM Genetic and Evolutionary Computation Conference (GECCO2020)

Teaching (highlight)

- In 2007/08, Squillero served as visiting professors in Tongji University, Shanghai, PRC. He was the responsible of the course of Advanced Programming.
- In 2009, Squillero lectured the course of Programming Essentials in Tashkent Automotive Road Institute, Tashkent (Uzbekistan), in the framework of TEMPUS project CD-JEP 26123.
- In 2011/12, Squillero served as visiting professors in Tongji University, Shanghai, PRC. He and Prof. Maurizio Morisio jointly lectured two courses: Advanced Programming (responsible: Morisio; assistant: Squillero); Software Engineering (responsible: Squillero; assistant: Morisio)

Teaching (details)

As of December 2020, the library of Politecnico di Torino reports 78 final theses where Squillero served as supervisor.

Since 1998, Squillero lectured 61 university courses (14 Ph.D. and 47 M.S./B.Sc.; 36 in Italian and 25 in English); he contributed to additional 37 courses as an assistant or in other subsidiary roles. In more details:

- Year 2020/2021
 - Computer architecture [in English], Turin Polytechnic University in Tashkent (Tashkent, Uzbekistan)
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course in English], Politecnico di Torino (Torino, Italy)
 - Object oriented programming [in English], Politecnico di Torino (Torino, Italy)
- Year 2019/2020
 - Computer architecture [in English], Turin Polytechnic University in Tashkent (Tashkent, Uzbekistan)
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course in English], Politecnico di Torino (Torino, Italy)
 - Object oriented programming [in English], Politecnico di Torino (Torino, Italy)
- Year 2018/2019

- Computer architecture [in English], Turin Polytechnic University in Tashkent (Tashkent, Uzbekistan)
- Computer sciences [in English], Politecnico di Torino (Torino, Italy)
- Mimetic learning [Ph.D. course in English], Politecnico di Torino (Torino, Italy)
- Object oriented programming [in English], Politecnico di Torino (Torino, Italy)
- Year 2017/2018
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course in English], Politecnico di Torino (Torino, Italy)
 - Object oriented programming [in English], Politecnico di Torino (Torino, Italy)
- Year 2016/2017
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - Object oriented programming [in English], Politecnico di Torino (Torino, Italy)
- Year 2015/2016
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - (Assistant) Tecniche di Programmazione, Politecnico di Torino (Torino, Italy)
- Year 2014/2015
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - (Assistant) Tecniche di Programmazione, Politecnico di Torino (Torino, Italy)
- Year 2013/2014
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Mimetic learning [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - (Assistant) Tecniche di Programmazione, Politecnico di Torino (Torino, Italy)
- Year 2012/2013
 - Apprendimento Mimetico [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - (Assistant) Tecniche di Programmazione, Politecnico di Torino (Torino, Italy)
- Year 2011/2012
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Verres/Ivrea, Italy)
 - Apprendimento Mimetico [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - Computer sciences [in English], Politecnico di Torino (Torino, Italy)
 - Software engineering [in English, with prof. A. Morisio], Tongji University (Shanghai, PRC)
 - (Assistant) Advanced programming, Tongji University (Shanghai, PRC)
- Year 2010/2011
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Scano Di Montiferro, Italy)
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Verres/Ivrea, Italy)
 - Apprendimento Mimetico [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - Informatica, Politecnico di Torino (Torino, Italy)
- Year 2009/2010

- Programming essentials (i.e., C programming on MATLAB), Tashkent Automotive Road Institute (Tashkent, Uzbekistan) Note: EU-Founded project TEMPUS PROJECT CD-JEP 26123
- Algoritmi e programmazione avanzata, Politecnico di Torino (Scano Di Montiferro, Italy)
- Algoritmi e programmazione avanzata, Politecnico di Torino (Verres/Ivrea, Italy)
- Apprendimento Mimetico [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
- Elementi di informatica, Politecnico di Torino (Torino, Italy)
- Informatica, Politecnico di Torino (Torino, Italy)
- Year 2008/2009
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Scano Di Montiferro, Italy)
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Verres/Ivrea, Italy)
 - Apprendimento Mimetico [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - Elementi di informatica, Politecnico di Torino (Torino, Italy)
 - Informatica, Politecnico di Torino (Torino, Italy)
- Year 2007/2008
 - Advanced programming [in English], Tongji University (Shanghai, PRC)
 - Algoritmi e programmazione avanzata I, Politecnico di Torino (Verres/Ivrea, Italy)
 - Algoritmi e programmazione avanzata II, Politecnico di Torino (Verres/Ivrea, Italy)
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Scano Di Montiferro, Italy)
 - Apprendimento Mimetico [Ph.D. course, with prof. E. Piccolo], Politecnico di Torino (Torino, Italy)
 - Elementi di informatica, Politecnico di Torino (Torino, Italy)
 - Informatica, Politecnico di Torino (Torino, Italy)
 - Programming essentials [in English], Tashkent Automotive Road Institute (Tashkent, Uzbekistan)
- Year 2006/2007
 - Algoritmi e programmazione avanzata I, Politecnico di Torino (Ivrea, Italy)
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Scano Di Montiferro, Italy)
 - Elementi di informatica, Politecnico di Torino (Torino, Italy)
 - Informatica, Politecnico di Torino (Torino, Italy)
 - (Assistant) Algoritmi e programmazione avanzata II, Politecnico di Torino (Ivrea, Italy)
 - (Assistant) Tecniche e Linguaggi di programmazione, Politecnico di Torino (Torino, Italy)
- Year 2005/2006
 - Algoritmi e programmazione avanzata I, Politecnico di Torino (Ivrea, Italy)
 - Algoritmi e programmazione avanzata PRLP, Politecnico di Torino (Ivrea, Italy)
 - Algoritmi e programmazione avanzata, Politecnico di Torino (Scano Di Montiferro, Italy)
 - Informatica, Politecnico di Torino (Torino, Italy)
 - (Assistant) Algoritmi e programmazione avanzata II, Politecnico di Torino (Ivrea, Italy)
 - (Assistant) Elementi di Informatica, Politecnico di Torino (Torino, Italy)
 - (Assistant) Tecniche e Linguaggi di programmazione, Politecnico di Torino (Torino, Italy)
 - (Tutor) Algoritmi e programmazione avanzata, Politecnico di Torino (Torino, Italy)
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 - (Assistant) Algoritmi e programmazione avanzata I, Politecnico di Torino (Ivrea, Italy)
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- Year 2003/2004
 - (Assistant) Algoritmi e Programmazione Avanzata (TLC), Politecnico di Torino (Torino, Italy)
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- Year 2002/2003
 - (Assistant) Algoritmi e Programmazione Avanzata (Automazione), Politecnico di Torino (Torino, Italy)
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- Year 2001/2002
 - (Lab assistant) Algoritmi e Programmazione Avanzata, Politecnico di Torino (Torino, Italy)
 - (Lab assistant) Informatica 1, Politecnico di Torino (Torino, Italy)
- Year 2000/2001
 - (Lab assistant) Reti Logiche, Politecnico di Torino (Torino, Italy)
- Year 1999/2000
 - (Assistant) Fondamenti di Informatica III, Politecnico di Torino (Ivrea, Italy)
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 - (Tutor) Fondamenti di Informatica, Politecnico di Torino (distance learning)
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Data

15 DICEMBRE 2020

Luogo

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