



curriculum vitae

PERSONAL INFORMATION

Surname	Gazzotti
Name	Paolo
Address	Via L. Angeloni 52, 21100, Varese, ITALY
Telephone	+39 340 8067492
E-mail	paolo.gazzotti@polimi.com paolo.gazzotti@gmail.com
Skype	@gappix
Nationality	Italian
Date of birth	26 December 1990

Education and training

• Date (from – to)	11/2017 - Current
• Title of qualification	PhD Student in Management Engineering
• Name and type of organisation providing education and training	Politecnico di Milano
• Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Climate Change, Multiagent Negotiations and Bargainings, Game Theory, Policy Discovering
• Date (from – to)	09/2012 – 12/2015
• Title of qualification awarded	Master Degree in Computer Science Engineering
• Name and type of organisation providing education and training	Politecnico di Milano
Duration of the program of study	2 years
• Principal subjects/occupational skills covered	Multiagent Systems, Artificial Intelligence, Data Mining, Dynamic control, Complex Systems
Final mark obtained	109/110

- Date (from – to) 09/2009 – 07/2012
- Title of qualification awarded Bachelor Degree in Computer Science Engineering
- Name and type of organisation providing education and training Politecnico di Milano
- Duration of the program of study 3 years
- Principal subjects/occupational skills covered Computer science, engineering topics

Final mark obtained 96/110

- Date (from – to) 09/2004 – 07/2009
- Title of qualification awarded High School graduation
- Name and type of organisation providing education and training Liceo Scientifico G.Ferraris
- Duration of the program of study 5 years
- Principal subjects/occupational skills covered Scientific basic training

Final mark obtained 93/100

Master Graduation thesis

Title Negoziatore in Sistemi Multiagente per l'Identificazione di Politiche di Regolazione di Bacini Idrici

Language Italian

Supervisor F. Amigoni

Thesis Summary Water reservoir management is a complex multiobjective problem, because of the involvement of many, often conflicting, interests. Among the approaches proposed for modeling and solving the problem, an increasing attention has been recently devoted to those based on multiagent systems, in which the stakeholders are represented by different agents. In this thesis, we've defined a cooperative negotiation protocol in order to identify operation policies as agreements between all interests involved and to provide a basin management model. Our approach, based on monotonic concession, keeps agents' preferences and strategies private and guarantees convergence property and Pareto optimal agreements. The proposed model has been applied to a simplified case study and simulated under several conditions, showing adaptivity to water resources systems behaviours and good performance.

Publications and articles submitted

Author(s) and title Amigoni F., Castelletti A., Gazzotti P., Giuliani M., Mason E. (2016) Using Multiagent Negotiation to Model Water Resources Systems Operations

Language English

Publication place Autonomous Agents and Multiagent Systems: AAMAS 2016 Workshops, Best Papers, Singapore, Singapore, May 9-10, 2016, Revised Selected Papers, pp 51 - 72

Date of publication 24 September 2016

Author(s) and title Amigoni F., Castelletti A., Gazzotti P., Giuliani M., Mason E. (2016) Water Resources Systems Operations via Multiagent Negotiation: (Extended Abstract).

Language English

Publication place Proceedings of the 2016 International Conference on Autonomous Agents & Multiagent Systems (AAMAS '16), pp 1379 -1380

Date of publication 09 May 2016

Author(s) and title	Mason, E.; Gazzotti, P.; Giuliani, M.; Castelletti, A.; Amigoni, F. (2015). Modelling Tradeoffs Evolution in Multipurpose Water Systems Operation in Response to Extreme Events.
Language	English
Publication place	AGU (American Geophysical Union) Fall Meeting, San Francisco, USA
Date of publication	17/12/2015

Awards

04/2016	The paper "Using Multiagent Negotiation to Model Water Resources Systems Operations" has been selected by the IDEAS Organizing Committee and the AAMAS Workshop Chairs for the IDEAS 2016 Best Paper Award.
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Work experience, stages, studies abroad

- Date (from – to)
- Name and address of firm/university
- Type of business or sector
 - Type of employment
- Main activities and responsibilities

03/2016 – 10/2017

Reti S.p.a — via Dante 6, Busto Arsizio (VA), Italy

Business and IT Consultant

Full-time employee

Since the beginning, I've been involved in an internal innovation project aiming at exploring Big Data and Data Science solutions in order to let the firm acquire new knowledge and skills in this trend topic. I've attended some business conferences and partner events showing simple implemented prototypes.

I worked on some Business Intelligence (Qlik View data engineering) and simple Machine Learning projects, in partnership with Microsoft.

I developed also some Android applications in a structured team project for an assurance company.

Certifications

Certifications of language knowledge	FCE – Grade B, on 30 April 2012
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Personal skills and competences

Acquired in the course of life and career but not necessarily evidenced by formal certificates and diplomas.

Mother tongue

Italian

Other language(s)

English

- | | |
|------------|-----------|
| • reading | Excellent |
| • writing | Good |
| • speaking | Good |

Social skills and competences

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (e.g. Culture and sports), etc.

Since 2009 I collaborate with FOM — Fondazione Oratori Milanese — by preparing and managing educational experiences, courses and great events for hundreds and thousands young people around Milan. Because of these experiences, I've progressively acquired remarkable relational, managing and communicational abilities. In fact capabilities like team working, group managing and responsibility taking, are often key-factors in big events. Moreover, I am constantly involved in many other volunteering activities church environments. In particular, I am engaged in educational activities for teenagers, facing the difficult but exciting relational challenges related to that age.

In job activities, every project has always been achieved by working in small and heterogeneously skilled teams.

I had been an archer for 8 years, achieving several important and satisfactory individual and team rewards. I started playing basketball in 2009 and I'm still playing in an amateur local team with a renewed ambition.

Organisational skills and competences

E.g. coordination and management of people, projects and budgets; at work, in voluntary work (e.g. culture and sports) and at home, etc.

In my innovation job activities, a considerable time amount is always spent in activities planning, by defining new horizons and discussing promising future steps with team mates.

In my volunteering activities I often take managing and team coordination responsibilities. For five years I've been elected as pastoral council member for the local church community and I'm still cooperating with some related aggregative groups.

Since 2014 I am also the executive manager of the basketball team where I play.

Technical skills and competences

With computers, specific kinds of equipment, machinery, etc.

Programming languages: *C, Java, SQL, Scala, Python, R, C#*

Software, Environments, and IDEs: *Hadoop, Spark, Matlab, Unity3D, LaTeX, R-Studio, Azure ML Studio, IntelliJ, Eclipse, Android Studio, Qlik View, Power BI, Office, Photoshop, Final Cut Pro X*
OS: *Windows, Mac OSX, Linux*

Artistic skills and competences

Music, writing, drawing etc.

I really love music and, after years of private lessons and self training, I become quite good at playing piano and acoustic guitar. Recently I am curiously exploring and practicing new musical instruments like ukulele, cajon and electric guitar.

Since childhood I am really fond of astronomy, with occasional amateur sky observations, and hobby modeling, with several building scale reproductions.

Recently I've been growing a thrilling interest in photography and videomaking by planning, recording and editing some short movies. I'm continuously trying to improve my capabilities and outputs quality in every activity I'm involved in.

Signature

