



MARCO CHIARANDINI

CURRICULUM VITÆ as of June 2023

PERSONAL INFORMATION

Birth	1975, Udine, Italy.
Citizenship	Danish and Italian
Address	Work: Campusvej 55, Odense M, 5230 DK Private: Filosofgangen 84 2th, Odense C, 5000 DK.
Affiliations	Department of Mathematics and Computer Science (IMADA, Danish acronym) • • Data Science and Statistics Group • Centre for AI Science and Applications, University of Southern Denmark, Odense
Position	Associate Professor
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ACADEMIC POSITIONS AND EDUCATION

2011 - pres.	Associate Professor in Computer Science at IMADA
2008 - 2011	Assistant Professor at IMADA
2010 - 2010	Visiting Researcher at the Institute of Interdisciplinary Research and Development in Artificial Intelligence, Université Libre de Bruxelles.
2009	Teacher-Training Programme for Assistant Lecturers at University of Southern Denmark (<i>Universitetspædagogikum 2009</i>)
2005 - 2008	Post-Doc researcher at IMADA
2001 - 2005	Ph.D. in Computer Science at the Darmstadt University of Technology, Germany.
1995 - 2000	Master in Management Engineering and Electronics at the University of Udine, Italy.

SCIENTIFIC FOCUS AREAS

Optimization in general with connections to Data Science and Artificial Intelligence • Applied Computing: Operations Research: Scheduling, Timetabling and Routing in the Industrial and Public Sector • Artificial Intelligence: Search, Learning and Experimentation Methodologies • Mathematics of Computing: Discrete Mathematics: Combinatorics: Combinatorial optimization • Graph Theory

BIBLIOGRAPHIC OVERVIEW

- Author of 11 journal articles, 26 conference papers, 6 book chapters.
- Editor of 1 book and 1 journal issue.
- [Link to ORCID Page](#)
- [Link to DBLP Page](#)
- [Link to Google Scholar Profile](#): h-index: 20 (14 since 2018).
- A full list of publications is available at <https://imada.sdu.dk/u/march/Publications>.

SELECTED RESEARCH PROJECTS

- Local chair for the workshop [NordConsNet](#), the Network of nordic countries on Constraint Programming, supported with up to 100 thousands krone the Danish Data Science Academy and the Carlsberg Foundation
- Principal Investigator in a project for the development of e-health app for people with dementia, in collaboration with Nyborg Kommune, total budget 2,4 mio krone, supported with 1.4 million krone by TrygFonden and 0.4 million krone by the municipality (2019-2022).
- Coordination of a project on Intelligent Traffic Systems in collaboration with Odense Kommune and supported by SDU with 1.1 mio Danish Krone (2017-2019).
- Two Industrial PhD projects financed by InnovationFonden: on flight route optimization in collaboration with Aviation Cloud AS (2014-2017) and on long term planning in the energy sector in collaboration with DONG Energy (2008-2011).
- Developer and maintainer of an automatic system for the timetabling of courses and exams at SDU supported by internal fundings of up to 100.000 DKK
- Member of international teams that ranked third (2007) and first (2003) in the International Timetabling Competition organized by PATAT and third in the ROADEF 2005 challenge.
- Member of the Metaheuristics Network (2001-2004), a Research Training Network funded by the Improving Human Potential Programme of the European Community.

TEACHING AND ADVISING

Courses • Introduction to Artificial Intelligence • Introduction to Machine Learning • Artificial Intelligence for Computer Game Programming • Linear Algebra with Applications • Linear and Integer Programming • Mathematical Optimization at Work • Heuristics and Constraint Programming for Discrete Optimization • Scheduling, Timetabling and Routing • Introduction to Programming in C++ • MATLAB programming • Computer architecture

Advising Completed: 3 PhD students, 36 Master thesis projects (60 ECTS), 32 Bachelor projects (10-15 ECTS) and 21 individual study activities.

ACADEMIC SERVICE

- Reviewer for international conferences such as AAI, LAK, EvoCOP, EMO, PATAT, ICAART, MIC, GECCO, ANTS.
- Reviewer for International Journals such as European Journal of Operational Research, Journal of Scheduling, Annals of Operations Research.
- Editorial Member of Algorithms, an MDPI journal (2010-2018).
- External examiner work as member of the Danish Censor Bodies for Engeneering (periods 2010-2014, 2014-2018) and for Computer Science (period 2018-2022, 2022-2026)
- Member of the Danish Operations Research Society and three times part of the committee that awards the best Danish Master thesis in OR.

INTERNATIONAL COLLABORATIONS

- Asc. Prof. Stefano Gualandi, University of Pavia (Italy) • Prof. Andrea Schaerf, University of Udine (Italy)
- Asc. Prof. Carols Fonseca and Asc. Prof. Luis Paquete, University of Coimbra, (Portugal) • Dr. Thomas Stützle, Université Libre de Bruxelles (Belgium)