



Carmine Dodaro

Senior Researcher (Ricercatore a Tempo Determinato di tipo B)
Department of Mathematics and Computer Science (DeMaCS), University of Calabria
carmine.dodaro@unical.it
+39 0984 496403
Via P. Bucci, cubo 31 B (2° floor), 87036 Rende (CS), Italy

Sep 2019

Best technical paper award
ICLP

Jun 2019

IJCAI 2019 Distinguished
Program Committee
member award

Apr 2019

Senior researcher, University
of Calabria

Jan 2017

Researcher, University of
Genova

Oct 2016

Best paper award ICLP

Jan 2015

Ph.D. in Mathematics and
Computer Science

Jan 2012

AI*IA Award "Best Italian
thesis in Artificial
Intelligence" for my master
thesis

Dec 2011

Master degree in Computer
Science 110/110 cum laude
and honorable mention

Research interests

- Artificial Intelligence
- Answer Set Programming
- Optimization problems
- SAT and MaxSAT
- Algorithms for efficient query answering

Selected publications

- B. Cuteri, C. Dodaro, F. Ricca, P. Schüller. Overcoming the Grounding Bottleneck Due to Constraints in ASP Solving: Constraints Become Propagators. IJCAI 2020: 1688-1694
- G. Amendola, C. Dodaro, M. Maratea. Abstract Solvers for Computing Cautious Consequences of ASP programs. Theory Pract. Log. Program. 19(5-6): 740-756 (2019)
- G. Amendola, C. Dodaro, W. Faber, N. Leone, F. Ricca. On the Computation of Paracoherent Answer Sets. AAAI 2017: 1034-1040
- M. Alviano, C. Dodaro. Anytime answer set optimization via unsatisfiable core shrinking. Theory Pract. Log. Program. 16(5-6): 533-551 (2016)
- M. Alviano, C. Dodaro, F. Ricca. A MaxSAT Algorithm Using Cardinality Constraints of Bounded Size. IJCAI 2015: 2677-2683

Citations

1004

H-index

17

i-10index

24

Source: google scholar (Jan 2021).

Programming languages

- C++
- Java
- Javascript
- Python

Current teaching activity

- Interfacce Grafiche e Programmazione ad Eventi, University of Calabria
- Programmazione ad Oggetti, University of Calabria