Federica Di Stefano

https://logic-cs.at/phd/students/federica-di-stefano/
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EDUCATION

TU WIEN
PhD in Computer Science
Expected Oct 2024 | Vienna, Austria

UNIVERSITÀ DEGLI STUDI DI SALERNO
MSc in Mathematics
Febr 2019 | Salerno, Italy
Final grade: 110/110 cum laude
Title of the thesis: *A strong complete semantics for Łukasiewicz Logic*
Supervisor: *Luca Spada*

BSc in Mathematics
Dec 2016 | Salerno, Italy
Final grade: 110/110 cum laude
Title of the thesis: *Geometria senza punti: approcci metrici e dualità logiche*
Supervisor: *Cristina Coppola*

LICEO SCIENTIFICO "A. ROMITA"
Grad. July 2013 | Campobasso, Italy

Attended Summer Schools
- Reasoning Web Summer School
- ESSLLI2021
- AILA Summer School

LINKS

LinkedIn:// Federica Di Stefano

LANGUAGE SKILLS

Italian - Mother Tongue
English - 6.5 IELTS
German - A2 (not certificated)

HOBBIES

Astronomy, Lego®, Board Games of any type, Marvel Comics & Movies.

EXPERIENCE

TU WIEN | Project Assistant in the Databases and Artificial Intelligence Group
Since October 2020 | TU Wien, Vienna
- I am part of the Doctoral School 'Logics in Computer Science'. As a PhD student, I am a Project Assistant with the FWF Project 'KtoAPP: Compiling Knowledge into Applications' under the supervision of Mantas Simkus and the co-supervision of Magdalena Ortiz. My current work is located in the field of Theoretical Computer Science. We work with Description Logics, a family of languages for Knowledge Representation kindred to first-order logic. In particular, we work on non-monotonic extensions of Description Logics based on Circumscription.

UNIVERSITÀ DEGLI STUDI DI SALERNO | Tutor in Topology
Mar 2020 – June 2020 | Salerno, Italy
- I worked as tutor for the mandatory course 'Geometry III' for the BSc in Mathematics.

UNIVERSITÀ DEGLI STUDI DI SALERNO | Research Scholarship
Febr 2020 – Sept 2020 | Salerno, Italy
- We worked on the semantics of Łukasiewcz Logic, one of the prominent many-valued logics. In particular, we worked on the geometric characterization of ideals of MV-algebras.

EUREKAAPPRENDIMENTO | Tutor in Mathematics
Sept 2019 – Jan 2020 | Salerno, Italy
- As tutor in Mathematics, my work was focused on supporting the learning process of high-school students with difficulties in Mathematics.

LICEO CLASSICO `DE SANCTIS' DI SALERNO | Tutor
Mar 2019 - Jun 2019 | Salerno, Italy
- I worked as Tutor in Mathematics for high school students in the project 'MATAID'.

UNIVERSITÀ DEGLI STUDI DI SALERNO | Tutor in Mathematics
Oct 2017 – Febr 2018 | Salerno, Italy
- I worked as tutor for the course 'Mathematics I' for the BSc in Environment Science.

STAGE AT TOWN HALL OF PIETRACATELLA July 2013- Oct 2013 | Pietracatella, Campobasso, Italy
- Stage offered by the Italian Region Molise to support the integration of graduated students in the workforce.

AWARDS

2013-2018 Merit Scholarship awarded by the Italian Ministry of Education
2014-2017 Scholarship awarded by A.D.I.S.U. for deserving students

PUBLICATIONS

Proceedings with Referee

- -, M. Ortiz, M. Šimkus, *Pointwise Circumscription in Description Logics*, DL2022, Haifa, Israel.
- M. Abbadini, -, L. Spada, *Unification in Łukasiewcz Logic with a finite number of variables*, IPMU 2020, Online.

Informal Proceedings (with Referee)

- -, *Pointwise Circumscribed Description Logics: A Local Approach to Non-Monotonicity*, Doctoral Consortium - KR2021, Online.

RESEARCH ACTIVITIES

Research Visits

- 23th-30th October 2022, visiting PhD Student at Umeå University, Sweden.
- 16th-18th November 2021, visiting PhD Student at University of Naples, Italy.

Presentations

- DL2022 (in joint session with NMR2022). Talk: *Pointwise Circumscription in Description Logics*.
- KR2021 Doctoral Consortium. Talk: *Pointwise Circumscribed Description Logics: a local approach to non-monotonicity*.
- IPMU2020. Talk: *Unification in Łukasiewicz Logic with a finite number of variables*.