

# 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 Łukasiewicz 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 Łukasiewicz Logic with a finite number of variables*, IPMU 2020, Online.

### INFORMAL PROCEEDINGS (WITH REFEREE)

- -, *Pointwise Circumscription in 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*.