



Andrea Esposito

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EDUCATION AND TRAINING

Phd Candidate in Research Methods in Science and Technology (ReMeST)

University of Urbino [01/11/2021 – Current]

Address: Piazza della Repubblica 13, 61029 Urbino (Italy)

Master Degree in Logic, Philosophy and History of Science

University of Florence [21/10/2018 – 27/04/2021]

Address: Piazza San Marco 4, 50121 Firenze (Italy) |

Final grade: 110/110 Cum Laude |

Thesis: Automated Reasoning in Logic Programming. A Translation from the Functional Paradigm.

Bachelor Degree in Philosophy

University of Naples "Federico II" [17/09/2014 – 26/02/2018]

Address: Corso Umberto I 40, 80138 Napoli (Italy) | **Final grade:** 107/110 | **Thesis:** Teorie della Verità, da Tarski a Kripke.

High School Diploma

Liceo Scientifico Gaetano Salvemini [01/09/2009 – 07/06/2014] **Address:** Via S.

Antonio 2, 80067 Sorrento (Italy)

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English (Cambridge 2018)

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Modal Logic Characterizations of Forward, Reverse, and Forward-Reverse Bisimilarities

[September 2023]

Bernardo M., Esposito A.

In: Proc. of the 14th Int. Symp. on Games, Automata, Logics, and Formal Verification (GandALF 2023), volume 390 of EPTCS, pp. 67-81.

On the Weak Continuation of Forward vs. Reverse Bisimilarity

[September 2023]

Bernardo M., Esposito A.

In: Proc. of the 24th Italian Conf. On Theoretical Computer Science (ICTCS 2023), CEUR-WS 3587:44-58.

Branching Bisimulation Enables Noninterference Analysis of Reversible Systems

[June 2023]

Esposito, A., Aldini, A., Bernardo, M.

In: Proc. of the 43rd Int. Conf. on Formal Techniques for Distributed Objects, Components and Systems (FORTE 2023). LNCS, vol. 13910, pp. 57-74. Springer.

CONFERENCES AND SEMINARS

[23/04/2024] University of Edinburgh

LFCS Seminar Title of the talk: Noninterference Analysis of Reversible Probabilistic Systems

[28/02/2024] University of Urbino

LAAG:IT Seminar

Title of the talk: Noninterference Analysis of Reversible Probabilistic Systems

[18/09/2023 – 20/09/2023] University of Udine

14th International Symposium on Games, Automata, Logics, and Formal Verification (GandALF 2023)

Title of the talk: Modal Logic Characterizations of Forward, Reverse, and Forward-Reverse Bisimilarities.

[13/09/2023 – 15/09/2023] University of Palermo

24th Italian Conference on Theoretical Computer Science (ICTCS 2023)

Title of the talk: On the Weak Continuation of Forward vs. Reverse Bisimilarity.

[26/06/2023 – 30/06/2023] University Residential Center of Bertinoro

Open Problems in Concurrency Theory (OPCT 2023)

Title of the talk: Branching Bisimulation Enables Noninterference Analysis of Reversible Systems.

[19/06/2023 – 23/06/2023] NOVA University Lisbon

43rd International Conference on Formal Techniques for Distributed Objects, Components, and Systems (FORTE 2023)

Title of the talk: Branching Bisimulation Enables Noninterference Analysis of Reversible Systems.

[28/11/2022] University of Urbino

Synergia Seminar

Title of the talk: Noninterference Analysis of Reversible Systems with Branching Bisimilarity.