

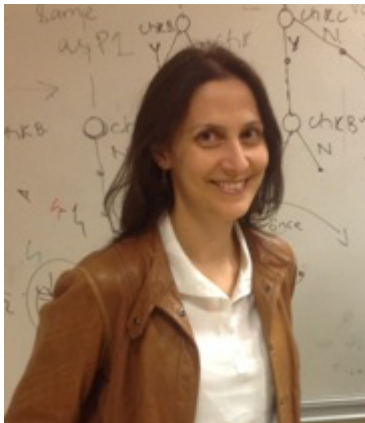
UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

**DOTTORATO DI RICERCA / PhD PROGRAM IN
INFORMATION TECHNOLOGY AND ELECTRICAL ENGINEERING**

Seminar announcement

Monday 19 October 2026, Time: 16:00 - 18:00

Aula Seminari (ex Softel) , Floor 1, Building 3, DIETI - Via Claudio, 21 - NAPOLI



Prof. Esra Erdem

Sabanci University, Istanbul, Turkey,

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Human – Centered ASP Applications: Representation & Reasoning

Abstract: As the definition of artificial intelligence (AI) changes towards building rational agents that are provably beneficial for humans, knowledge representation and reasoning (KRR) plays an important role in addressing the user-oriented challenges in applications. These challenges include, for instance,

generality, flexibility, provability, hybridity, bi-directional interactions, robustness, and explainability. In this seminar, I will introduce participants to modeling and solving problems in human-centered real-world applications using KRR methods and tools provided by answer set programming, while addressing such challenges for AI.

Lecturer short bio: (up to 500 char.) *She is a Professor of Computer Science and Engineering at Sabanci University. She earned her Ph.D. from the University of Texas at Austin. Her research focuses on artificial intelligence, particularly knowledge representation, automated reasoning, and answer set programming (ASP), with applications in robotics and bioinformatics.*

For information: Prof. Aniello Murano (DIETI, UniNA) – aniello.murano@unina.it (organizer)