# Dr. Greta Adamo

## Education

**Doctorate degree (Ph.D.) in Computer Science and Systems Engineering** *05/2020*
*DIBRIS, University of Genoa, Genoa (IT) and Fondazione Bruno Kessler, Trento (IT)*

- ○ Awarded
- ○ **Thesis subject:** Ontologies, information systems, meta-modelling, business process modelling, user studies

**PhD visiting** *03/2019 - 06/2019*
*Institute for Logic, Language and Computation, University of Amsterdam (NL)*

- ○ **Visiting subject:** Applied ontologies, digital humanities, historical events, dual semantics

**Master Degree (M.A.) in Philosophical Methods** *07/2016*
*University of Genoa (IT)*

- ○ 110 cum laude
- ○ **Thesis subject:** Applied ontologies, medical ontologies, mental disorders, non-classical concepts

## Experience

**Visiting scholar** *Valencia, ES*
*Valencian Research Institute for Artificial Intelligence (UPV)* *09/2024 – present*

- ○ Conceptual modelling
- ○ Computer science education

**Postdoctoral researcher** *Bilbao, ES*
*Basque Center for Climate Change (ES)* *07/2022 – 06/2024*

- ○ Semantics and ontologies development for AI software
- ○ Training domain experts in semantic web technologies
- ○ Formal domain knowledge co-design
- ○ E-learning for trustworthy AI and social-ecological good

**Postdoctoral researcher** *Madeira, PT*
*Interactive Technologies Institute/Laboratory for Robotics and Engineering Systems* *09/2020 – 08/2021*

- ○ Low-cost open-source marine monitoring technology
- ○ Underwater exploration and installation
- ○ Agile development for remote sensing networks
- ○ Stakeholder consultation

## Selected publications

JOURNALS:

- ○ Marquez Torres, A., Signorello, G., Kumar, S., **Adamo, G.**, Villa, F., & Balbi, S. (2023). Fire risk: an integrated modelling approach. *Natural Hazards and Earth System Sciences*, 23(9), 2937-2959.
- ○ Nunes, N., **Adamo, G.**, Ribeiro, M., Gouveia, B. R., Gouveia, E. R., Teixeira, P., & Nisi, V. (2022). Modeling Adoption, Security, and Privacy of COVID-19 Apps: Findings and Recommendations From an Empirical Study Using the Unified Theory of Acceptance and Use of Technology. *JMIR human factors*, 9(3), e35434.
- ○ **Adamo, G.**, Ghidini, C., Di Francescomarino, C., Maggi, F. M. (2021) Beyond arrows in process models: A user study on activity dependences and their rationales. *Information Systems*, *Pergamon*.
- ○ **Adamo, G.**, Ghidini, C., Di Francescomarino, C. What is a process model composed of? A systematic literature review of meta-models in BPM. (2021) *Software and Systems Modeling (SoSyM)*, *Springer*.

CONFERENCES:

- ○ Willis M. & **Adamo G.** (2024) Ontology-based interaction design for social-ecological systems research. *Accepted at* the forum of the *International Conference on Research Challenges in Information Science* (RCIS 2024). Springer, Cham.

- **Adamo, G.**, & Willis, M. (2023). The omnipresent role of technology in social-ecological systems: ontological discussion and updated integrated framework. In *International Conference on Research Challenges in Information Science.* Springer, Cham.
- **Adamo, G.**, & Willis, M. (2022). Conceptual Integration for Social-Ecological Systems: An Ontological Approach. In *International Conference on Research Challenges in Information Science.* Springer, Cham.
- **Adamo, G.**, Di Francescomarino, C., & Ghidini, C. (2020). Digging into Business Process Meta-models: A First Ontological Analysis. In *International Conference on Advanced Information Systems Engineering* (pp. 384-400). Springer, Cham.
- Amoretti, M. C., Frixione, M., Lieto, A., & **Adamo, G.** (2019). Ontologies, Mental Disorders and Prototypes. In *On the Cognitive, Ethical, and Scientific Dimensions of Artificial Intelligence* (pp. 189-204). Springer, Cham.
- **Adamo G.**, Borgo S., Di Francescomarino C., Ghidini C., & Guarino N. (2018) On the notion of goal in business process models. In *International Conference of the Italian Association for Artificial Intelligence.* Springer.
- **Adamo G.**, Borgo S., Di Francescomarino C., Ghidini C., Guarino N. & Sanfilippo E. M. (2018). Business Process Activity Relationships: Is There Anything Beyond Arrows? In *International Conference on Business Process Management.* Springer, Cham.
- **Adamo G.**, Borgo S., Di Francescomarino C., Ghidini C., Guarino N., & Sanfilippo E. M. (2017). Business processes and their participants: An ontological perspective. In *International Conference of the Italian Association for Artificial Intelligence.* Springer, Cham.

## Accepted articles

**Adamo G.**, Sperotto A., Fumagalli M., Mosca A., Prince Sales T. & Guizzardi G. Unpacking the semantics of risk in climate change discourses. 14th International Conference on Formal Ontology in Information Systems (FOIS 2024).

## Reviewer

- (2024) Applied Ontology Journal (IOS Press)
- (2024) Cogent Business & Management (Taylor & Francis Group)
- (2023-2024) PeerJ Computer Science

## Conference and workshop organisation

- (ongoing) 15th International Conference on Formal Ontology in Information Systems, Catania (IT), **Early Career Symposium chair**
- (ongoing) 19th International Conference on Research Challenges in Information Sciences, Seville (SP), **Forum chair**
- (10/2023 - 07/2024) 14th International Conference on Formal Ontology in Information Systems, Enschede (NL), **Publicity chair**
- (12/2023 - 07/2024) Workshop on Foundational Ontology (FOUST VIII), FOIS 2024, Enschede (NL), **Program chair**
- (12/2023 - 07/2024) Playing with Meanings (PwM), FOIS 2024, Enschede (NL), **Program chair**

## Program committee

- (02/2024 - 07/2024) Cognition And OntologieS (CAOS8) workshop, FOIS 2024, Enschede (NL)
- (06/2019) 6th International Workshop on the Interrelations between Requirements Engineering, BPM 2019, Wien (AUT) - cancelled

## Panel participation

- (07/2024) **Ontologies, creativity, and AI**, 14th International Conference on Formal Ontology in Information Systems, Enschede (NL)
- (05/2024) **Towards a meta-layer of interoperable ontologies to accelerate food convergence innovation**, Foundationsfor Food and Food Systems Ontologies: Mapping Representational Variants, IT and online
- (06/2023) **Technological mediation of existential threats from the deep: a postphenomenological account of marine and coastal knowledge production and its potential impacts on ocean policy**, MARE Conference XII: Blue Fear, Amsterdam (NL)