

Rossana Damiano was born in Ciriè (Turin, Italy) on November 8th, 1972

Research and Highlights

Rossana Damiano is an associate professor of Computer Science at Università degli Studi di Torino (Department of Computer Science), Turin, Italy, where she teaches Web Programming and Semantic Technologies.

Her research interests mainly concern artificial intelligence for cultural heritage, with a focus on affect and storytelling.

She has taken part in several applicative projects, ranging from social semantic environments for learning and cultural dissemination, to semantic annotation of cultural heritage, and artificial characters.

From dal 20/3/2001 al 28/7/2001 she visited the Institute for Creative Technologies (ICT), University of Southern California (Los Angeles, CA, USA).

She is founder and organizer of the ESSEM (Emotion and Sentiment in Social and Expressive Media) workshop series from 2013 to 2019; main organizer of the 10th edition of the International Workshop on Narrative Technologies (INT10).

She is the coordinator, for the University of Turin, of the H2020 research and innovation project SPICE (Social Participation and Inclusion through Cultural Engagement).

Education

- PhD. In Computer Science, Università degli Studi di Torino, 1997.
- M.A. (Laurea) in Communication Science, summa cum laude and publication dignity, Università degli Studi di Torino, 1997.

Employment

- Associate Professor of Computer Science, Università degli Studi di Torino, 2019-present.
- Research Fellow in Computer Science, Università degli Studi di Torino, 2001-2019
- Consultant of Virtual Reality and Multimedia Park Spa (Torino, c.so Lombardia 194) on the topic "Modelling of the behaviour of characters through automatic planning systems for the project Atlas", 2010

Institutional Activity

- Deputy coordinator of the Working Group on Open Science of the University of Turin, 2023-2024
- Founder and member of CIRMA, Centro di Ricerca per la Multimedialità e l'Audiovisivo (Interdepartmental Research Center for Research on Multimedia and Audiovisual) of the University of Turin (<https://www.cirma.unito.it/>)
- Deputy Director and Scientific Board member of DISH, Interdepartmental Research Center on Digital Scholarship for the Humanities (<https://www.dish.unito.it/it>).
- Member of the Doctoral Board of the PhD in Technologies for Cultural Heritage (T4C), University of Turin (<https://www.tech4culture2020.unito.it/do/home.pl>)
- Scientific Board Member of the Master Course on Design, Communication and Management of Cultural Tourism of University of Turin and COREP (<http://www.masterculturalturismo.it/>)
- Coordinator of the Research agreement between Dipartimento di Informatica, Università degli Studi di Torino and Istituto dei Sordi di Torino (Turin Institute for the Deaf). Topic: Technologies for inclusion in Cultural Heritage.
- Coordinator of the Research agreement between Dipartimento di Informatica, Università degli Studi di Torino and Promemoria srl. Topic: Linked Open Data for Cultural Archives (2018-2019)).
- Member of Europeana Pro Tech (<https://pro.europeana.eu/page/europeanatech>)

Selected Projects and Grants (as Coordinator / Principal Investigator)

- Local Coordinator of the Horizon Europe SKILLS4EOSC - Skills for the European Open Science Commons: Creating a Training Ecosystem for Open and FAIR Science), HORIZON-INFRA-2021-EOSC-01, 2022-2025
- Local Coordinator and Project Management Board member of H2020 Project SPICE (Social Participation and Inclusion through Cultural Engagement, <https://spice-h2020.eu>), 2020-2023, (Grant Agreement N. 870811 <https://cordis.europa.eu/project/id/870811/it>), 2020-2023.
- Local coordinator of the Erasmus Non-EU Countries Grant for the exchanges between Università di Torino (Dept. of Computer Science) and University of Haifa (Israel) 2019-2022.
- Principal Investigator of Project "Labyrinth. Archetipi culturali per l'editoria multimediale" funded by Regione Piemonte, Poli di Innovazione, Polo di Innovazione per la Creatività Digitale e la Multimedialità, POR-FESR 2007-2013 (<http://www.di.unito.it/~rossana/labyrinth/>), (2012-2014). Design and implementation of an interactive 3D environment for the exploration of semantic relations between artifacts in cultural archives.

Selected Publications

Journal articles

1. Lieto, A., Striani, Gena, C., Dolza, E., Marras, A.M., Pozzato, G.L., Damiano, R. A sensemaking system for grouping and suggesting stories from multiple affective viewpoints in museums. *Int. Journal of Human-Computer Interaction*, to appear, 10.1080/07370024.2023.2242355
2. Lieto, A., Pozzato, G.L., Striani, M., Zoia, S., Damiano, R. DEGARI 2.0: A Diversity-Seeking, Knowledge-based, Explainable, and for Social Inclusion. *Cognitive Systems Research*, 2023.
3. Daga, E., Asprino, L., Damiano, R., Diaz Agudo, B., Gangemi, A., Kuflik, T., Lieto, A., Marras, A.M., Martinez Pandiani, D., Mulholland, P., Peroni, S., Pescarin, S. & Wecker, A. (2021). Integrating citizen experiences in cultural heritage archives: requirements, state of the art, and challenges. *Journal on Computing and Cultural Heritage (JOCCH)*, 15(1), 1-35
4. Damiano, R., Lombardo, V., Pizzo, A. Studying and Designing Emotions in Live Interactions with the Audience. *MULTIMEDIA TOOLS AND APPLICATIONS*. To appear. 10.1007/s11042-020-10007-3
5. Ceccaldi, E., Damiano, R., Battaglini, C., Galetto, V., Zettin, M. An emotional agent for moral impairment rehabilitation in TBI patient. *FRONTIERS IN PSYCHOLOGY*, 11 (2020): 1102, doi: 10.3389/fpsyg.2020.01102.
6. Damiano, R., Lombardo, V., Pizzo, A. (2019). The ontology of drama. *APPLIED ONTOLOGY*, vol. 14, n. 1, p. 1-40, ISSN: 1875-8533, doi: 10.3233/AO-190204
7. Damiano, R., Lombardo, V., Lieto, A., & Borra, D. (2016). Exploring cultural heritage repositories with creative intelligence. The Labyrinth 3D system. *Entertainment Computing*, 16, 41-52.

Conference articles

8. Marco Antonio Stranisci, Eleonora Bernasconi, Viviana Patti, Stefano Ferilli, Miguel Ceriani, Rossana Damiano. The World Literature Knowledge Graph, *Proc. of the International Semantic Web Conference (ISWC) 2023*.
9. Marco Antonio Stranisci, Rossana Damiano, Enrico Mensa, Viviana Patti, Daniele Paolo Radicioni, Tommaso Caselli: WikiBio: a Semantic Resource for the Intersectional Analysis of Biographical Events. *proc. of the International Conference of the Association for Computational Linguistics (ACL) 2023*: 12370-12384
10. Stranisci, M. A., Frenda, S., Ceccaldi, E., Basile, V., Damiano, R., & Patti, V. (2022). APPReddit: a Corpus of Reddit Posts Annotated for Appraisal. *Proc. of the 13th Language Resources and Evaluation Conference, LREC 2022*.

11. Marco Antonio Stranisci, Viviana Patti, Rossana Damiano. Representing the Under-Represented: a Dataset of Post-Colonial, and Migrant Writers. In Proc. of the 3rd Conference on Language, Data and Knowledge, LDK 2021, September 1-3, 2021, Zaragoza, Spain. 2021: 7:1-7:14.
12. Lombardo, V., Damiano, R., Karatas, T., Mattutino, C. (2020). Linking ontological classes and archaeological forms. In Proc. of the 19th International Semantic Web Conference (ISWC), Springer.
13. Damiano, R., Lombardo, V., Monticone, G., & Pizzo, A. (2019, November). Artificial Intelligence for Dramatic Performance. In *Proc. of the International Conference of the Italian Association for Artificial Intelligence* (pp. 542-557). Springer.
14. Lombardo, V., Damiano, R., & Pizzo, A. (2018). Drammar: A comprehensive ontological resource on drama. *Proc. Of 17th International Semantic Web Conference, ISWC 2018*, LNCS 11137, p. 103-118, Springer, ISSN: 03029743, ISBN: 978-303000667-9, doi:10.1007/978-3-030-00668-6_7

Books and Book Chapters

- Pizzo, A., Lombardo, V., Damiano, R. Interactive storytelling: a cross-media approach to writing, producing and editing with AI, Routledge 2023.
- Pizzo, A., Lombardo, V., Damiano, R. Interactive storytelling. Teorie e pratiche del racconto dagli ipertesti all'Intelligenza Artificiale. Dino Audino Editore, 2021.
- Marras, A., Damiano, R. Tecnologie digitali, partecipazione e musei. In Pianificare il turismo, Innovazione, sostenibilità e buone pratiche. A cura di: Monica Gilli, Sergio Scamuzzi. Carocci, 2020