Stefania Montani
Curriculum vitae

BIO AND EDUCATION

Stefania Montani received her PhD in Bioengineering and Medical Informatics from the University of Pavia, Italy, in 2001. She is currently a Full Professor in Computer Science at the University of Piemonte Orientale, in Alessandria, Italy.

She has authored more than 200 papers in international journals and international refereed conferences in Artificial Intelligence and Medical Informatics.

She is a member of the Editorial Board of 6 International journals, Associate Editor of another international journal, and member of several technical program committees of international conferences, including different editions of the International Joint Conference on Artificial Intelligence (IJCAI) and of the European Conference on Artificial Intelligence (ECAI) .

She has organized workshops co-located with international conferences, special issues in international journals and edited books, related to her main research topics.

UNIVERSITY CAREER

Since 2017	Full Professor in Computer Science, Università del Piemonte Orientale
2012-2017	Associate Professor in Computer Science, Università del Piemonte Orientale
2001-2012	Researcher in Computer Science, Università del Piemonte Orientale

UNIVERSITY POSITIONS

Since 2018	Manager of the Bachelor and Master Courses in Computer Science, University of Piemonte Orientale
Since 2010	Member of the Board of the PhD in Computer Science, Università di Torino

SCIENTIFIC POSITIONS

Since 2016	Founder and member (until 2020) of the steering committe of the Italian Scientific Society of Medical Informatics
2015-2020	Scientific responsible and coordinator of the Piemonte Orientale unit of the Smart Cities & Communities Lab, Consorzio Interuniversitario Nazionale per l'Informatica (CINI)
2017-2023	Member of the Board of the Artificial Intelligence in Medicine (AIME) Society
2016-2020	Member of the Advisory board of the EU project H2020 Self-Back: A decision support system for self-management of low back pain
2016-2017	Technical Program co-chair of the EAI International Conference on IoT Technologies for HealthCare (Healthy IoT)
2016-2017	Co-chair of the Doctoral Consortium of the International Conference on Case Based Reasoning (ICCBR)
2010	Scientific co-chair and local organization chair of the International Conference on Case Based Reasoning (ICCBR)

MAIN FIELDS OF INTEREST

1. Case Based Reasoning
2. Business Process Management
3. Decision Support Systems
4. Medical Informatics

TOP FIVE PAPERS

1. G. Leonardi, S. Montani, M. Striani, Explainable process trace classification: an application to stroke, Journal of Biomedical Informatics 126 (2022) 103981
2. S. Montani, G. Leonardi, M. Striani, S. Quaglini, A. Cavallini, Multi-level abstraction for trace comparison and process discovery, Expert Systems with Applications 81 (2017) 398-409
3. S. Montani, G. Leonardi, Retrieval and clustering for supporting business process adjustment and analysis, Information Systems 40 (2014) 128-141
4. S. Montani, G. Leonardi, A. Bottrighi, L. Portinale, P. Terenziani, Supporting flexible, efficient and user-interpretable retrieval of similar time series, IEEE Transactions on Knowledge and Data Engineering 25(3): 677-689 (2013)
5. L. Anselma, A. Bottrighi, S. Montani, P. Terenziani, Extending BCDM to cope with proposals and evaluations of updates, IEEE Transactions on Knowledge and Data Engineering 25(3): 556-570 (2013)

AWARDS

1. Listed in the 2% top world researchers by the University of Stanford in 2021
2. Best paper award - young researcher at MEDINFO 2001
3. Best paper award mention at American Medical Informatics Association (AMIA) Annual Symposium 1999