PERSONAL INFORMATION

Claudio Schifanella

University of Turin
Department of Computer Science
Corso Svizzera 185, 10149 Turin, Italy

+39 011 6706711

claudio.schifanella@unito.it

https://informatica.unito.it/persone/claudio.schifanella

Sex: Male | *Date of birth* 15/11/1975 | *Nationality:* Italian

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☒ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

11/2021 - ongoing
Associate professor
University of Turin, Department of Computer Science
Research topics: decentralized systems, urban informatics, knowledge representation

11/2018 – 10/2021
Researcher (RTDB)
University of Turin, Department of Computer Science
Research topics: decentralized systems, urban informatics, knowledge representation

09/2017 – 10/2018
Researcher (RTDA)
University of Turin, Department of Computer Science
Research topics: Urban informatics, knowledge representation

01/2017 – 08/2017
Research assistant (post-doc)
University of Turin, Department of Computer Science
Research topics: Urban informatics, knowledge representation

02/2015 – 12/2016
Research fellowship
University of Turin, Department of Computer Science
Research topics: Urban informatics, knowledge representation

10/2014- 10/2016
Researcher
RAI Research Centre, Turin, Italy - Research topic: social network analysis

12/2013 – 10/2014
Researcher
European Commission Joint Research Centre. Ispra (VA), Italy
Research topics: data mining, machine learning

03/2008 – 11/2013
Research assistant (post-doc)
University of Turin, Department of Computer Science
Research topics: data mining, knowledge representation

07/2003 – 12/2003
IT consultant - **Reply spa**. Turin, Italy

EDUCATION AND TRAINING

11/2003 – 01/2008
PhD in Computer Science - University of Turin, Department of Computer Science
Research topics: logic programming, service oriented architectures

04-2003
MSc in Computer Science (110/110 e lode) - University of Turin, Italy

Service and leadership

Chair
Sideways (six editions, 2015-2020) - International Workshop on Social Media World Sensors
http://linc.iut.univ-paris8.fr/sideways/

FPDAPP (four editions, 2018-2021) - International Workshop on Future Perspectives of
Decentralized Applications
http://fpdapp.di.unito.it

PC member
(selection)
IEEE ICBC - International Conference on Blockchain and Cryptocurrency
IEEE Blockchain – International Conference on Blockchain

	COINS - International Conference on Omni-layer Intelligent systems
	IJCAI - International Joint Conference on Artificial Intelligence
	BCCA - The International Symposium on Blockchain Computing and Applications
	DASFAA: International Conference on Database Systems for Advanced Applications
	ACM HT - Hypertext and Social Media
Editor	Guest Editor of the Special Issue of Concurrency and Computation: Practice and experience "FPDAPP, Future Perspectives on Decentralized Applications"
	International Journal on Concurrency and Computation Practice and Experience (Wiley) - 2020
Research groups	Coordinator of the CommonsHood (blockchain) and of the FirstLife platforms. Member of the Social Computing research group of the Department of Computer Science, University of Turin
PhD supervisor	Fadi Barbara – Topic: blockchain privacy and interoperability
	Sowelu Elios Avanzo – Topic: Sustainability and social impact of blockchain technologies

PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English: proficient in understanding, speaking, and writing

ADDITIONAL INFORMATION

Publications
(Selection of relevant)

total number of publications in peer-review journals: 13 (publications: 64 - source: DBLP)
total number of citations: 711 (source: Scopus)
H index: 10 (source: Scopus)

Ferrod, R., Di Caro, L., & Schifanella, C. (2021). Structured Semantic Modeling of Scientific Citation Intents. ESWC 2021. DOI: 10.1007/978-3-030-77385-4_27

Roger Ferrod, Claudio Schifanella, Luigi Di Caro, Mario Cataldi:
Disclosing Citation Meanings for Augmented Research Retrieval and Exploration. ESWC 2019. DOI: 10.1007/978-3-030-21348-0_7

Balbo S., Boella G., Busacchi P., Cordero A., De Carne L., Di Caro D., Guffanti A., Mioli M., Sanino A., Schifanella C. (2020). – "CommonsHood: A Blockchain-Based Wallet App for Local Communities". In: Proceedings - 2020 IEEE International Conference on Decentralized Applications and Infrastructures, DAPPS 2020., doi: 10.1109/DAPPS49028.2020.00018

Barbara F., Schifanella C. (2020). "DMix: Decentralized mixer for unlinkability". - In: 2020 2nd Conference on Blockchain Research and Applications for Innovative Networks and Services, BRAINS 2020. p. 1-8, Parigi (Francia), 2020, doi: 10.1109/BRAINS49436.2020.9223282

Barbara F., Schifanella C. "P2T: Pay to Transport". - In: Euro-Par 2020: Parallel Processing Workshops. Euro-Par 2020. LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, vol. 12480, p. 66-77, 2020, doi: 10.1007/978-3-030-71593-9_6

Barbara F., Murru N., Schifanella C. - "Towards A Broadcast Time-Lock Based Token Exchange Protocol" - Euro-Par 2021: Parallel Processing Workshops. Euro-Par 2021. Lecture Notes in Computer Science. Springer. To appear.

G. Boella et al. – "PININ: an innovative food product tracking system along the entire supply chain" - 7th Italian Conference on ICT for Smart Cities and Communities – 2021

Boella G., Calafiore A., Grassi E., Rapp A., Sanasi L., Schifanella C. (2019). - "FirstLife: Combining Social Networking and VGI to Create an Urban Coordination and Collaboration Platform". IEEE ACCESS, vol. 7, p. 63230-63246, ISSN: 2169-3536, doi: 10.1109/ACCESS.2019.2916578

Projects
(Selection of relevant)

H2020 **CO3 - Digital Disruptive Technologies to Co-create, Co-produce and Co-manage Open Public Services along with Citizens** - [2019-2021] - https://www.projectco3.eu - Topic: blockchain

DGCNECT EU project **NLAB4CIT** [2019-2021] - Relevant topic: blockchain

Erasmus+ **DLT4ALL - Decentralization goes mainstream!** - [2018-2021] - https://dlt4all.eu/

European project Urban Innovative Action **Co-City** [2017-2020] - http://www.uia-initiative.eu/en/uia-cities/turin

POR F.E.S.R **PININ - PlemuNt chèlNa** - [2019-2021] - http://www.pinin-project.eu/ - Relevant topic: blockchain, food traceability

POR F.E.S.R **TECH4MILK** – Innovative technologies and solutions at the service of the Piedmontese milk supply chain [2019-2021] - https://tech4milk.com/ - Relevant topic: blockchain, food traceability