CV

Chiara Boldrini

March 21, 2025

1 Researcher's Profile

Web of Science ReseacherID: V-4330-2017
Scopus Author ID: 57192361407
ORCID ID: 0000-0001-5080-8110
Google Scholar Profile: https://scholar.google.com/citations?user=rCrzxbsAAAAJ
Publons Profile: https://publons.com/researcher/1527185/chiara-boldrini/

H-index:
- Google Scholar: 25
- Scopus: 19
- WoS: 15

2 Esperienza di Ricerca

2.1	Ricercatore I Livello, IIT-CNR	1 gen 2023 - oggi
2.2	Head of laboratory Artificial Intelligence & Data Science Lab	1 giu 2022 - oggi
2.3	Ricercatore III Livello, IIT-CNR	16 gen 2012 - 31 dic 2022
2.4	Ricercatore III Livello - Tempo Determinato IIT-CNR	1 mar 2010 - 15 gen 2012
2.5	Assegnista di Ricerca, IIT-CNR	gen 2007 - 26 feb 2010

3 Abilitazioni

3.1	ASN I Fascia (Professore Ordinario) - settore 09/H1	13 nov 2020
3.2	ASN II Fascia (Professore Associato) - settore 01/B1	7 ago 2018
3.3	ASN II Fascia (Professore Associato) - settore 09/H1	26 lug 2018
3.4	Abilitazione alla professione di Ingegnere dell'Informazione	2006

4 Istruzione

4.1 PhD in Ingegneria dell'Informazione — giugno 2010
Università di Pisa
Titolo della tesi: Mobility Models and Context-Aware Data Delivery in Opportunistic Networks

4.2 Visiting PhD Student, ETH Zurigo — set-dic 2008

4.3 Laurea Specialistica in Ingegneria Informatica — novembre 2006
Università di Pisa
Votazione: 110/110 (*magna cum laude*)

4.4 Laurea in Ingegneria Informatica — novembre 2003
Università di Pisa
Votazione: 110/110 (*magna cum laude*)

5 Projects

With leadership roles (CNR-IIT PI):

NRRP Extended Partnership on AI - FAIR	Jan 2023 - Dec 2025
NRRP National Competence Center on HPC - ICSC	Sep 2022 - Aug 2025
CHIST-ERA SAI	Feb 2021 - Jan 2024
H2020 HumaneAI Network	Sep 2020 - Aug 2023
H2020 SoBigData++	Jan 2020 - Dec 2023
FORTISSIMO-2 LIGA Pilot	May 2017 - Oct 2018

With WP/task leadership role:

H2020 HumaneAI FET Flagship	Mar 2019 - Apr 2020
H2020 SoBigData	Sep 2015 - Dec 2019
H2020 ESPRIT - Easily diDtributed Rapid Transit	May 2015 - Oct 2018
EIT ICT LABS - MONC (IoT content routing/caching)	Jan 2013 - Dec 2013
FP7 MOTO - Mobile Opportunistic Traffic Offloading	Nov 2012 - Oct 2015
FP7 SCAMPI	Oct 2010 - Sep 2013

Member of the CNR research unit:

PON OK-INSAID	Jul 2018 - Dec 2020
H2020 REPLICATE	Feb 2016 - Jan 2021
EIT ICT LABS - MOSES	Jan 2015 - Dec 2015
EIT ICT LABS - Efficient IoT Content 2015	Jan 2015 - Dec 2015
FP7 EINS - Network of Excellence in Internet Science	Dec 2011 - May 2015
FP7 RECOGNITION	Oct 2010 - Sep 2013
FP7 SOCIALNETS	Feb 2008 - Apr 2011
FP6 HAGGLE	Jan 2006 - Dec 2009

6 Attività Editoriale

6.1 Editor-in-Chief

6.1 Elsevier Computer Communications (2022 IF: 6.0)
Editor in Chief for Special Issues — 1 gen 2024 - oggi

6.2 Membro editorial board

6.1 Elsevier Computer Communications (2022 IF: 6.0) — 15 ago 2018 - 31 dic 2023
6.2 Elsevier Pervasive and Mobile Computing (2022 IF: 4.3) — 13 ago 2018 - oggi

6.3 Guest editor

6.1 Lead GE Special Issue IEEE PerCom 2024 Selected Papers
Elsevier Pervasive and Mobile Computing (2022 IF: 4.3) — 2024
6.2 Lead GE Feature Topic "Social-aware Communication Networks & Systems and Innovative Social Network Applications & Services"
IEEE Communications Magazine (2022 IF: 11.2) — 2023
6.3 GE Special Issue IEEE SmartComp 2022 Selected Papers
Elsevier Pervasive and Mobile Computing (2022 IF: 4.3) — 2022
6.4 GE Special Issue IEEE PerCom 2021 Selected Papers
Elsevier Pervasive and Mobile Computing (2021 IF: 3.848) — 2021
6.5 Lead GE per la Special Issue on *IoT for Fighting COVID-19*
Elsevier Pervasive and Mobile Computing (2021 IF: 3.848) — 2021
6.6 GE per *CAOS 2019 Fast Track*
Elsevier Online Social Networks and Media (2019 SJR: Q2) — 2019
6.7 GE per *CHANTS 2016 Fast Track*
Elsevier Computer Communications (2016 IF: 3.338) — 2016
6.8 GE per *Special Issue on Opportunistic Networking*
Elsevier Computer Communications (2014 IF: 1.695) — 2014
6.9 GE per *AOC 2011 Fast Track* sulla rivista
Elsevier Computer Communications (2011 IF: 1.044) — 2011

6.4 Social media editor

6.1 Elsevier Computer Communications (2022 IF: 6.0) — 2020 - oggi

7 Community Service

7.1 Conference General Chair

7.1 IEEE PerCom 2026 (GGS A^+)

7.2 Conference TPC Chair

7.1 TPC co-chair HHAI 2025
7.2 TPC chair IEEE ICDCN 2025 (GGS WiP)
7.3 TPC chair IEEE PerCom 2024 (GGS A^+)
7.4 TPC co-chair of IEEE SmartComp 2022
7.5 TPC vice-chair IEEE PerCom 2021 (GGS A^+)

7.3 Virtual Conference Chair

7.1 IEEE SECON 2021 (GGS A^-)

7.4 Workshops Chair

7.1 Ita-Data 2024
7.2 Ital-IA 2023
7.3 IEEE ICNP 2022 (GGS A)
7.4 ACM MobiHoc 2022 (GGS A^+)
7.5 IEEE PerCom 2016 (GGS A^+)

7.5 Demo Chair

7.1 ITADATA 2025

7.6 Demo/poster Chair

7.1 ACM MobiOpp 2012

7.7 PhD forum Chair

7.1 IEEE SECON 2021 (GGS A^-)
7.2 IEEE PerCom 2020 (GGS A^+)

7.8 Tutorial Chair

7.1 IEEE PerCom 2025 (GGS A^+)
7.2 IEEE SECON 2024 (GGS A^-)
7.3 IEEE HPSR 2023 (GGS WiP)

7.9 Workshop Chair

7.1 MoD@ITSC17 (colocated with IEEE ITSC'17)
7.2 IEEE CAOS 2019-2020
7.3 ACM CHANTS 2016
7.4 IEEE AOC 2011-2012

7.10 Publication Chair

7.1 ACM MobiHoc 2023 (includes the Submission Chair role) (GGS A^+)
7.2 IEEE PerCom 2015 (GGS A+)
7.3 IEEE PerCom 2014 (GGS A+)
7.4 ACM MobiOpp 2010

7.11 Publicity Chair

7.1 IEEE PerCom 2013 (GGS A+)
7.2 IEEE PerCom 2012 (GGS A+)

7.12 Senior TPC

7.1 AAAI ICWSM (GGS A) 2025

7.13 TPC

7.1 ACM MobiHoc 2025 (GGS A^+)
7.2 SMS Workshop@ASONAM 2025
7.3 Network and System Security (NSS) 2024
7.4 Discovery Science 2024 SoBigData track (GGS WiP) 2024
7.5 IEEE MASS (GGS B) 2024-2025
7.6 IEEE FUZZ-IEEE (GGS B) 2024
7.7 IEEE PerCom (GGS A+) 2025, 2022-2023, 2014-2020 (served as TPC (vice)-chair for the 2021 and 2024 editions)
7.8 The Web Conference (GGS A++) 2022-2023 (Social Network Analysis and Graph Algorithms track), 2023-2025(Web & Society track)
7.9 ACM WSDM (GGS A+) 2023-2025
7.10 ACM WSDM Demo Track 2024
7.11 AAAI ICWSM (GGS A) 2020-2025 (Senior PC member since 2025)
7.12 IEEE WoWMoM (GGS B-) 2022-2025
7.13 ICDCN (GGS WiP) 2015-2016, 2024
7.14 IEEE ICC (GGS A) 2024-2025
7.15 IEEE ICT-DM 2023
7.16 IEEE SECON (GGS A-) 2022-2024
7.17 IEEE SmartComp 2021, 2023-2025 (served as TPC chair for the 2022 edition)
7.18 OSNeHM 2023 - workshop colocated with The Web Conference 2023
7.19 NSS-SocialSec 2023-2024
7.20 IEEE DCOSS-IoT (GGS B) 2023-2025
7.21 ECML-PKDD (GGS A) 2022
7.22 IJCAI-ECAI Special track on AI for Good (AI4G) 2022-2025
7.23 IEEE PerCom Work-in-Progress session 2018-2019, 2021-22
7.24 IEEE PerCom PhD Forum session 2015
7.25 ICCCN 2022
7.26 HHAI 2022-2024

7.27 IE 2018-2022
7.28 MIMODE (Migration and Mobility Research in the Digital Era) 2021-2022
7.29 IEEE IPCCC 2019-2022
7.30 BNAIC/BeneLearn 2021-2022
7.31 HMB2020@SocInfo2020
7.32 ACM CHANTS workshop, colocated with ACM Mobicom 2013-2015, 2017-2019 (served as TPC chair for the 2016 edition)
7.33 IEEE LCN 2016-2018
7.34 IEEE AOC, colocated with IEEE WoWMoM 2013-2016
7.35 IEEE CoMoRea, colocated with IEEE PerCom 2015-2017
7.36 DySMoNet, in conjuction with IEEE MDM 2013
7.37 I-TENDER, colocated with ACM CoNEXT 2017
7.38 IEEE VTC 2013, 2017
7.39 IEEE PerMoby 2013-2015
7.40 ICCVE 2013-2015
7.41 ITCS 2017
7.42 IFIP Networking - Poster and Demo Session 2017
7.43 WON workshop, colocated with IEEE AINA, 2014
7.44 MiPS 2013
7.45 MNA 2011
7.46 ACM MobiOpp 2010

7.14 Revisore regolare per:

IEEE Transactions on Mobile Computing, IEEE Transactions on Parallel and Distributed Systems, IEEE/ACM Transactions on Networking, IEEE Transactions on Vehicular Technology, Elsevier Journal of Network and Computer Applications, Elsevier Computer Networks, Elsevier Computer Communications, Elsevier Pervasive and Mobile Computing, Elsevier Ad Hoc Networks, Elsevier Online Social Networks and Media, International Review for Spatial Planning and Sustainable Development, Elsevier Ad Hoc Networks, Elsevier Wireless Networks, Elsevier Journal of Network and Computer Applications, Springer Computational Social Networks, International Journal of Geographical Information Science, IEEE Intelligent Transportation Systems Magazine, IEEE Access, IEEE Wireless Communications Magazine, IEEE Transactions on Communications, IEEE Transactions on Wireless Communications, The Computer Journal, Simulation: Transactions of the Society for Modeling and Simulation International.

8 Partecipazione a collegi di dottorato

8.1 Membro del collegio del Dottorato Nazionale in AI
Università di Pisa 2021 - oggi

9 Commissioni di Concorso

9.1 Commissioni di dottorato

9.1 Membro effettivo nella commissione di concorso per l'ammissione al Dottorato Nazionale in Intelligenza Artificiale (DN01_B) - BANDO_B a.a. 2024/2025
[Università di Pisa - Decreto Rettorale n. 1370/2024 del 20 giugno 2024]

9.2 Membro supplente nella commissione di concorso per l'ammissione al Dottorato Nazionale in Intelligenza Artificiale (DN01_C) - BANDO_C a.a. 2023/2024
[Università di Pisa - Decreto Rettorale n. 1503/2023 del 8 agosto 2023]

9.3 Membro supplente nella commissione di concorso BANDO_C Ingegneria dell' Informazione tema Network slicing and edge resource orchestration in beyond 5G systems (ING_INFO02_C) a.a. 2023/2024
[Università di Pisa - Decreto Rettorale n. 1503/2023 del 8 agosto 2023]

9.4 Membro effettivo nella commissione di concorso per l'ammissione al Dottorato Nazionale in Intelligenza Artificiale BANDO E - DN01_E - Dottorato Nazionale in Intelligenza Artificiale a.a. 2022/2023
[Università di Pisa - Decreto Rettorale rep. n. 155/2022 del 30/01/2023, prot. n.11595]

9.5 Membro effettivo nella commissione di concorso per l'ammissione al Dottorato Nazionale in Intelligenza Artificiale Tema "Data Science and AI for analysis and enrichment of geospatial data" - a.a. 2022/2023
[Università di Pisa - Decreto Rettorale rep. n.1316/2022 del 28 luglio 2022, prot. n. 96148]

9.6 Membro supplente nella commissione di concorso per l'ammissione al Dottorato Nazionale in Intelligenza Artificiale a.a. 2021/2022
[Università di Pisa - Decreto Rettorale n.1003/2021 del 16 luglio 2021, prot. n.82648]

10 Revisione Progetti

10.1	Project reviewer Swiss National Science Foundation	2023
10.2	Project reviewer CHIST-ERA	2023
10.3	Project reviewer ERC Starting Grant	2021
10.4	Project reviewer CHIST-ERA	2021
10.5	Project reviewer ARTES 4.0 projects	2020
10.6	Esperto CNR per progetto Accordi per l'Innovazione FCS-MISE (Italian)	2018 - 2023

11 Supervisione studenti dottorato

11.1 Kamer Cekini — 2024 - 2028 (exp.)
National PhD AI - AI for Society
https://phd-ai-society.di.unipi.it/
Topic: TBD

11.2 Samuele Sabella — 2024 - 2028 (exp.)
National PhD AI - AI for Society
https://phd-ai-society.di.unipi.it/
Topic: TBD

11.3 Francesco Di Cursi — 2023 - 2027 (exp.)
National PhD AI - AI for Society
https://phd-ai-society.di.unipi.it/
Topic: Ego network optimisation in OSN

11.4 Matteo Gregorini — 2022 - 2026 (exp.)
National PhD AI - AI for Society
https://phd-ai-society.di.unipi.it/
Topic: Causality in pervasive systems

11.5 Luigi Palmieri — 2022 - 2026 (exp.)
National PhD AI - AI for Society
https://phd-ai-society.di.unipi.it/
Topic: Network effects in fully decentralized learning

11.6 Jack Tacchi — 2020 - 2024
PhD Data Science
Joint PhD Program involving Scuola Normale Superiore, University of Pisa, Scuola Sant'Anna, IMT Lucca, CNR
Topic: Signed ego networks

11.7 Kilian Ollivier — 2018 - 2024
PhD Data Science
Joint PhD Program involving Scuola Normale Superiore, University of di Pisa, Scuola Sant'Anna, IMT Lucca, CNR
Topic: Using data science to uncover cognitive constraints in human behavior beyond social interactions

11.8 Mustafa Toprak — 2017 - 2021
PhD Program in Smart Computing
Joint PhD Program involving Universities of Florence, Pisa and Siena
Thesis: Big Data Analytics in Online Social Networks to Charac-

terize and Support Smart User Communities

11.9 Elisabetta Biondi 2014 - 2017
PhD Program in Information Engineering
University of Pisa
Thesis: Optimization of smart city critical infrastructures: the case of communication network and transportation system

12 Supervisione di Tesi

12.1 Kamer Cekini 2022
BSc. Thesis
Computer Science, University of Pisa
Thesis: Ego Networks in Reddit

12.2 Claudia Bolognesi 2017
BSc. Thesis
Computer Science, University of Pisa
Thesis: Smart city e car sharing: analisi di dati di mobilità

Note: CNR is primarily a research institution and, as such, supervises a limited number of BSc/MSc theses. The majority of our research activities involve PhD candidates and postdoctoral researchers.

13 Panel di Valutazione Studenti di Dottorato

13.1 Commissione Tesi Dottorato

13.1.1 Committee Member - Giuseppe Giacomo 2025
[Politecnico di Torino]

13.1.2 Committee Member - Lindrit Kqiku 2024
[Georg-August-Universität Göttingen]

13.1.3 Committee Member - Jose Luis Corcuera Barcena 2024
[Università di Pisa - Dipartimento di Ingegneria dell'Informazione Prot. 849/2024 Disp. Direttore Dipartimento 121/2024]

13.1.4 Committee Member - Valentina Pansanella 2024
[Scuola Normale Superiore - Decreto del Direttore n. 76 del 26/01/2024]

13.1.5 Committee Member - Andrea Somazzi 2024

[Scuola Normale Superiore - Decreto del Direttore n. 46 del 19/01/2024]

13.1.6 Alternate Committee Member - Federico Andrea Galatolo 2022
[Università di Pisa - Dipartimento di Ingegneria dell'Informazione Disp. Direttore Dipartimento 189/2022 Prot. 0001571/2022]

14 Incarichi di Docenza

14.1 Course on "Social Network Analysis" 2024-2025
Master Big Data, University of Pisa
https://masterbigdata.it/it/docenti

14.2 Course on "Complex Network Analysis" 2024-2025
Master Cybersecurity, University of Pisa
https://cybersecuritymaster.it/

14.3 PhD Course on "Online and Mobile Social Networks", IMT, Italia 2014

Note: CNR is primarily a research institution, and, as such, CNR researchers do not have teaching obligations.

15 Premi e sovvenzioni

15.1 IEEE ICT-DM 2023 Best Paper Award 2023

15.2 Elsevier Computer Communications Journal 2022 Best Editor Award 2022

15.3 AAAI ICWSM 2022 Best Reviewer 2022

15.4 IIT Grant - Consolidator 2021
Project: CELLO - Causal decentralized social AI
30 KEuro award to develop the project idea

15.5 Elsevier Pervasive and Mobile Computing Journal 2020 Best Editor Award 2021

15.6 RTSI 2016 Best Student Paper Award (student: Elisabetta Biondi) 2016

15.7 2014 ACM MSWiM Best Short Paper Award 2014

15.8 SIGCOMM'09 Student Travel Grant 2009

15.9 CNR Short-Term Mobility program 2008

16 Invited Talks

16.1 Summer School AI 4 Secure Societies 2024 set 8, 2024
Talk on "Polarization on Social Networks"
https://ai4securesociety.sobigdata.it/speakers/

16.2 FRIENDS 2024 set 2, 2024
Keynote speech on Signed Ego Networks
https://signet-friends.github.io/

16.3 ICT Days 2024 apr 16, 2024
Round Table: A hyperconnected world: present and future of global connectivity
University of Trento
https://www.ictdays.it/en/home-en/

16.4 "Human-centric Decentralized AI: collaborative learning on social networks" giu 23, 2023
DIITET Conference
http://www.diitet.cnr.it/conferenza23/

16.5 "Summary from the Workshops" at Ital-IA 2023 mag 31, 2023
Overview of the research activities of the Italian AI research community
https://www.ital-ia2023.it/program/

16.6 "Social AI Gossiping" nov 16, 2022
Humane AI Conference
https://www.humane-ai.eu/event/humane-ai-conference/

16.7 "Humane-AI Net: making artificial intelligence human-centric" dic 4, 2020
IIT Day 2020
https://www.cnr.it/en/event/17040/iit-day-2020

16.8 Rapporteur for the session on Polarization
"AI and Society Roundtable" giu 30, 2021
https://www.humane-ai.eu/event/ai-society-roundtable/

16.9 "Shared mobility and urban data science", Data Science for Society within the 6th ACM Celebration of Women in Computing womENcourage 2019 sept 18, 2019

16.10 "Ego network analysis, information-driven social links and impact on information diffusion", Summer School on Computational

17 Eventi su Invito

17.1 Delegazione CNR ad Abu Dhabi (UAE) mar 2025
17.2 Dagstuhl Seminar on "Internet of People" ott 2017

18 Divulgazione

18.1 Partecipazione al podcast *BIT by BIT - Storie di Internet e di Ricerca* apr 2023
Episodio 5 "Dove va l'intelligenza artificiale".
https://open.spotify.com/episode/3k2wS9tmiAn6E3U78JhLq2?si=8753e2d3d6ee4c09
(Italian)

19 Pubblicazioni

https://scholar.google.com/citations?user=rCrzxbsAAAAJ
(> 3000 citazioni secondo Google Scholar, h-index 25)

Preprints:

[1] Samuele Sabella, Chiara Boldrini, Lorenzo Valerio, Andrea Passarella, and Marco Conti. The built-in robustness of decentralized federated averaging to bad data. *arXiv preprint arXiv:2502.18097*, 2025.

[2] Arash Badie-Modiri, Chiara Boldrini, Lorenzo Valerio, János Kertész, and Márton Karsai. Initialisation and topology effects in decentralised federated learning. *arXiv preprint arXiv:2403.15855*, 2024.

[3] Luigi Palmieri, Chiara Boldrini, Lorenzo Valerio, Andrea Passarella, Marco Conti, and János Kertész. Robustness of decentralised learning to nodes and data disruption. *arXiv preprint arXiv:2405.02377*, 2024.

[4] Jack Tacchi, Chiara Boldrini, Andrea Passarella, and Marco Conti. On the joint effect of culture and discussion topics on x (twitter) signed ego networks. *arXiv preprint arXiv:2402.18235*, 2024.

[5] Lorenzo Valerio, Chiara Boldrini, Andrea Passarella, János Kertész, Márton Karsai, and Gerardo Iñiguez. Coordination-free decentralised federated learning on complex networks: Overcoming heterogeneity. *arXiv preprint arXiv:2312.04504*, 2023.

Journal papers:

[6] Kilian Ollivier, Chiara Boldrini, Andrea Passarella, and Marco Conti. Unveiling cognitive constraints in language production: Extracting and validating the active ego network of words. *IEEE Transactions on Computational Social Systems*, 2024. DOI: 10.1109/TCSS.2024.3419565.

[7] Luigi Palmieri, Chiara Boldrini, Lorenzo Valerio, Andrea Passarella, and Marco Conti. Impact of network topology on the performance of decentralized federated learning. *Computer Networks*, 253:110681, 2024. DOI: 10.1016/j.comnet.2024.110681.

[8] Jack Tacchi, Chiara Boldrini, Andrea Passarella, and Marco Conti. Keep your friends close, and your enemies closer: Structural properties of negative relationships on twitter. *EPJ Data Science*, 2024. DOI: 10.1140/epjds/s13688-024-00485-y.

[9] Elisabetta Biondi, Chiara Boldrini, Andrea Passarella, and Marco Conti. Dynamics of opinion polarization. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, pages 1–12, 2023. DOI: 10.1109/TSMC.2023.3268758.

[10] Chiara Boldrini, Andrea Passarella, and Marco Conti. Models for digitally contact-traced epidemics. *IEEE Access*, 10:106180–106190, 2022. DOI: 10.1109/ACCESS.2022.3211425.

[11] Riccardo Iacobucci, Raffaele Bruno, and Chiara Boldrini. A multi-stage optimisation approach to design relocation strategies in one-way car-sharing systems with stackable cars. *IEEE Transactions on Intelligent Transportation Systems*, 2022. DOI: 10.1109/TITS.2022.3164989.

[12] Kilian Ollivier, Chiara Boldrini, Andrea Passarella, and Marco Conti. Structural invariants and semantic fingerprints in the "ego network" of words. *Plos one*, 17(11):e0277182, 2022. DOI: 10.1371/journal.pone.0277182.

[13] Mustafa Toprak, Chiara Boldrini, Andrea Passarella, and Marco Conti. Harnessing the power of ego network layers for link prediction in online social networks. *IEEE Transactions on Computational Social Systems*, 2022. DOI: 10.1109/TCSS.2022.3155946.

[14] Mustafa Toprak, Chiara Boldrini, Andrea Passarella, and Marco Conti. Journalists' ego networks in twitter: Invariant and distinctive structural features. *Online Social Networks and Media*, 30:100207, 2022. DOI: 10.1016/j.osnem.2022.100207.

[15] Mirco Nanni, Gennady Andrienko, Chiara Boldrini, Francesco Bonchi, Ciro Cattuto, Francesca Chiaromonte, Giovanni Comandé, Marco Conti, Mark Coté, Frank Dignum, et al. Give more data, awareness and control to individual citizens, and they will help covid-19 containment. *Ethics and Information Technology*, 2021. DOI: 10.1007/s10676-020-09572-w.

[16] Pavlos Paraskevopoulos, Chiara Boldrini, Andrea Passarella, and Marco Conti. The academic wanderer: structure of collaboration network and relation with research performance. *Applied Network Science*, 6(1):1–35, 2021. DOI: 10.1007/s41109-021-00369-4.

[17] Gennady Andrienko, Natalia Andrienko, Chiara Boldrini, Guido Caldarelli, Paolo Cintia, Stefano Cresci, Angelo Facchini, Fosca Giannotti, Aristides Gionis, Riccardo Guidotti, et al. (so) big data and the transformation of the city. *International Journal of Data Science and Analytics*, 2020.

[18] Alina Sîrbu, Gennady Andrienko, Natalia Andrienko, Chiara Boldrini, Marco Conti, Fosca Giannotti, Riccardo Guidotti, Simone Bertoli, Jisu Kim, Cristina Ioana Muntean, et al. Human migration: the big data perspective. *International Journal of Data Science and Analytics*, pages 1–20, 2020.

[19] Chiara Boldrini, Raffaele Bruno, and Mohamed Haitam Laarabi. Weak signals in the mobility landscape: car sharing in ten european cities. *EPJ Data Science*, 8(1):7, 2019.

[20] Elisabetta Biondi, Chiara Boldrini, Andrea Passarella, and Marco Conti. What you lose when you snooze: how duty cycling impacts on the contact process in opportunistic networks. *ACM Transactions on Modeling and Performance Evaluation of Computing Systems (ToMPECS)*, 2017.

[21] Marco Conti, Chiara Boldrini, Salil S Kanhere, Enzo Mingozzi, Elena Pagani, Pedro M Ruiz, and Mohamed Younis. From manet to people-centric networking: Milestones and open research challenges. *Computer Communications*, 71:1–21, 2015.

[22] Chiara Boldrini, Marco Conti, and Andrea Passarella. Performance modelling of opportunistic forwarding under heterogenous mobility. *Computer Communications*, (99):17, 2014.

[23] Chiara Boldrini, Marco Conti, and Andrea Passarella. The stability region of the delay in pareto opportunistic networks. *Transactions on Mobile Computing*, (99):14, 2014.

[24] Dmytro Karamshuk, Chiara Boldrini, Marco Conti, and Andrea Passarella. SPoT: Representing the social, spatial, and temporal dimensions of human mobility with a unifying framework. *Pervasive and Mobile Computing*, 2013.

[25] Chiara Boldrini, Marco Conti, and Andrea Passarella. From pareto inter-contact times to residuals. *Communications Letters, IEEE*, 15(11):1256–1258, 2011.

[26] Dmytro Karamshuk, Chiara Boldrini, Marco Conti, and Andrea Passarella. Human mobility models for opportunistic networks. *IEEE Commun. Mag*, 2011.

[27] Chiara Boldrini, Marco Conti, Franca Delmastro, and Andrea Passarella. Context- and social-aware middleware for opportunistic networks. *Journal of Network and Computer Applications*, 33(5):525–541, 2010.

[28] Chiara Boldrini, Marco Conti, and Andrea Passarella. Design and performance evaluation of ContentPlace, a social-aware data dissemination system for opportunistic networks. *Computer Networks*, 54(4):589–604, 2010.

[29] Chiara Boldrini and Andrea Passarella. HCMM: Modelling spatial and temporal properties of human mobility driven by users' social relationships. *Computer Communications*, 33(9):1056–1074, 2010.

[30] Chiara Boldrini, Marco Conti, and Andrea Passarella. Autonomic behaviour of opportunistic network routing. *International Journal of Autonomous and Adaptive Communications Systems*, 1(1):122–147, 2008.

[31] Chiara Boldrini, Marco Conti, and Andrea Passarella. Exploiting users' social relations to forward data in opportunistic networks: the HiBOp solution. *Pervasive and Mobile Computing*, 4(5):633–657, 2008.

[32] Chiara Boldrini, Marco Conti, and Andrea Passarella. User-centric mobility models for opportunistic networking. In *Bio-Inspired Computing and Communication*, pages 255–267. Springer Berlin Heidelberg, 2008.

Conference papers:

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