

CURRICULUM VITAE ET STUDIORUM

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(a) Personal Information

Date and city of birth Nov. 27th, 1971, Catania
Citizenship Italian
Permanent Address Chieri (TO), Italy

(b) Short bio

Giancarlo Ruffo, Ph.D., is Full Professor of Computer Science since 2025 at the University of Eastern Piedmont “A. Avogadro”, where he has been in service since 2022. He obtained the qualification as Full Professor in January 2020. He received his PhD in 2000 from the University of Turin, where he was in service until 2022, as an assistant professor since 2000 and as an associate professor since 2006. He has also held the following positions: Adjunct Professor at the Schools of Informatics and Computing of Indiana University (2011 – 2016); ISI fellow of the ISI Foundation (2015 – 2018); member of the Board of Directors of SAA, the School of Business Administration of the University of Turin (2015 – 2017); responsible for the "Networks and Information Systems" program of the Computer Science Degree Course (2012 – 2022). His current research interests fall within the fields of Data Science, Network Science, and Computational Social Sciences, with particular attention to the spread of disinformation, the polarization of opinions in social media, graph-based anomaly detection, and the visualization of data. In the past, he has studied research problems related to web and data mining, recommendation systems, social media, distributed applications, peer-to-peer systems, security, and micro-payment schemes. He is also the leader of the ARCS research group [<http://arcs.di.unito.it>] and over the years has directed several research projects funded by public and private entities, both in a regional, national, and European context. He has published more than 100 articles in international journals and conferences subject to a "peer-review" selection. In addition to his academic activity, he has gained twenty years of professional experience as a freelancer consultant. In 2013 he contributed to the foundation of a company called NetAtlas, which mainly deals with the development of applications for the web and for mobile devices, as well as services related to the analysis and design of social media and interactive data visualization. He left the shareholders' meeting of NetAtlas in 2021, once the start-up phase was over.

(c) Education

2000, Ph.D. Computer Science, University of Turin
1995, Laurea Information Science, University of Catania, 110/110 *magna cum laude*

(d) Academic Career

2025 – today	Full Prof. of Computer Science, University of Eastern Piedmont
2022 – 2025	Associate Prof. of Computer Science, University of Eastern Piedmont
2020	Qualification as Full Professor of Computer Science
2006 – 2022	Associate Prof. of Computer Science, University of Turin
2000 – 2006	Assistant Prof. of Computer Science, University of Turin

(e) Teaching

From 2000 on, I have taught many courses at all levels ranging from Information Retrieval (2022–today), to Web Technology (2010–today), Programming Paradigms (2022–today), Complex Networks and Data Visualization (2011–2022), Computer and Network Security (2006–2013), Computer Networks (2004–2010), Computer Programming (2000–2005), and Computer Science Fundamentals (2000–2007) in Italian universities, and iPhone Application Development (2010/11), at the Bachelor Degree Program in Computer Science, Indiana University (USA).

(f) Other services to students and to education

1. Since 2000 I have supervised over bachelor and master's degree **260 theses**, mainly in Computer Science (L-31 and LM-18 classes), but also for master's degree program belonging to other disciplinary classes, such as Stochastics and Data Science (LM-40), Physics of Complex Systems (LM-17), Statistical and Economic Methods for Decision Making (LM-82), etc.
2. In addition to the teachings described in the previous section, I regularly held several modules in first and second level specialization programs (Italian Masters, not to be confused with Master's degree programs, or *Laurea Magistrale*) on 'multimedia development ', 'web technologies', 'data analysis ', 'social network analysis', etc.
3. In 2012 I co-owned (with Prof. Matteo Sereno) the teaching on "Network Analysis and Social Media" for the PhD Program in Computer Science, School of Sciences, University of Turin.
4. Member of the PhD final exam commission in various Italian and foreign locations, including: University of Catania (2015, 2018, 2020), University of Verona (2016); University of Salerno (2015), Universidad de Desarrollo, Santiago de Chile (2018, 2022), University of Milan (2020), University of Palermo (2022), Polytechnic of Turin (2022).

(g) Institutional Services

1. 2022–2023: Member of the Scientific Advisory Board for the PhD Program in Computer Science, Università degli Studi di Torino, 38th cycle.
2. 2021–2022: Chair of the "Orientation and Informatics in Schools" Committee;
3. 2020–2022: Member of the Scientific Committee of CIRCe, Interdepartmental Center for Research on Communication, representing the Department of Informatics;
4. 2015–2016: Member of the Board of Directors of SAA, the School of Business Administration of the University of Turin, representing the University itself;
5. 2012–2022: Head of the Computer Science Bachelor's Degree Program in " Networks and Information Systems ", University of Turin;
6. 2012–2015: Head of the Computer Science Master's Degree Program in "Networks and

Information Systems”, University of Turin.

(h) Other Academic Services

1. 2018–2021: Member of the Board of the Bachelor’s and Master’s Degree Programs in Computer Science, University of Turin;
2. 2018–2022: Member of the Committee on “Monitoring and Review Bachelor’s Degree Program in Computer Science (L31)”, University of Turin;
3. 2018–2021: Member of the Committee on “Offices and Spaces Assignments”, University of Turin;
4. 2018–2022: Member of the Computer Science Department’s Committee on “Relationships with the Enterprises”, University of Turin;
5. 2015–2022: Member of the Scientific board of LabNet, Applied Network Science Laboratory at SAA, School of Business Administration;
6. 2007–2022: Member of the Computer Science Department’s Committee “Silver Medal”, that rewards best graduates on yearly basis, University of Turin;
7. 2000–2022: Member of the Bachelor’s and Master’s Degree Courses Committee on “Moving in, Study Plans, and Second Graduations”, University of Turin;

(i) Research Interest and Scientific Leadership

My fields of study are *data science*, *complex networks*, *network science*, *social media analysis*, *computational social science*. I have participated in large and complex projects both at the national and European level, collaborated with many international scholars, and was committed to industrial research tasks. Currently, I am investigating the following problems: graph-based anomaly detection, diffusion of misinformation, opinion polarization, hate speech in social media, dynamics of intellectual migration, and visualization and application of signed networks.

In 2011 I founded “**ARC²S**” (Applied Research on Computational Complex Systems) group at the dept. of Computer Science, Univ. of Turin, and moved the group in 2022 at University Of Eastern Piedmont <https://arc2s.github.io/>. From 2003 on, I advised the early scientific careers of many scholars, such as: Prof. Rossano Schifanella (Assoc. Prof. at the Univ. of Turin), Dr. Marco Milanese (Research Engineer at Université de Cote d’Azur), Dr. André Panisson (Senior Research Leader at CentAI), Prof. Luca Aiello (Assoc. Prof. at University of Copenhagen, Denmark), Dr. Emilio Sulis (Assist. Prof. at Univ. of Turin), Dr. Marcella Tambuscio (Post-Doc researcher at Austrian Academy of Science, Wien), Dr. Mirko Lai (Assist. Prof. at University of Turin), Dr. Alfonso Semeraro (Data Scientist at Wind), Dr. Salvatore Vilella (Post-Doc Researcher at University of Turin), and Dr. Alessandra Urbinati (Post-Doc Researcher at NorthEastern University, Boston, MA). I am advising the following PhD students: Arthur Capozzi Lupi, and Kausutua Tjikundi.

(j) National and International Research Projects

Coordination of Funded Projects

2024 – 2025 : General PI of “A taxonomy Biomolecular, Biosources and Bioactivities to unleash the potential of Biodiversity through a Web-based platform (B4Web)”, Public Call for the selection of project proposals, aimed at granting funding for activities coherent with the National Biodiversity Centre’s Research Programme “Biodiversity and Human Wellbe-

- ing”, under the EU-funded PNRR M4C2 - Investment Line 1.4 - NexGenerationEU. Grant received: 800k euros.
- 2023 – 2025 : local PI of “Forgetfulness, between rights, duties and technological possibilities” project, PRIN 2022. Grant received: 51.8k euros.
- 2023 : Co-PI of “Network analysis for anomaly detection” project, financially supported by Anti Financial Crime Digital Hub S.c.a.r.l (project PI: Prof. Federica Cena, Università degli Studi di Torino). Grant received: 80k euros.
- 2021: PI of “Analysis and Monitoring of Artificial Intelligence Systems” project, financially supported by Intesa Sanpaolo Innovation Center. Grant received: 30.5k euros.
- 2017 – 2018: PI of “Innovation in Advanced Analytics: analysis of banking transactions networks” project, financially supported by Intesa Sanpaolo Innovation Center. Grant received: 150k euros.
- 2015 – 2017: PI of the Computer Science Department research unit of “Big Data and Internet of Things, financial and insurance fields”, financially supported by Intesa Sanpaolo Innovation Center. Grant received: 35k euros.
- 2013 – 2015: PI of “Visualization tools for complex information and heterogeneous data analysis” project, financially supported by Telecom Italia. Grant received: 75k euros.
- 2011 - 2012: Co-PI, with Rossano Schifanella, of the INCA Project, co-financed by Finpiemonte under the competitive “Progetto Polo della Creatività” framework. Grant received: 45k euros, project’s total cost (7 partners): 1,500k euros.
- 2010 – 2012: PI of the University of Turin research unit for “IS4.MOBI - Interactive services for mobiles” project, co-financed by Finpiemonte under the competitive “Progetto Polo ICT” framework. Grant received: 45k euros, project’s total cost (7 partners): 1,500k euros.
- 2010: PI of the University of Turin research unit for “ASVD - Ad-Supported Video Distribution”, co-financed by Finpiemonte under Grant received: 45k euros, project’s total cost: 500k euros.
- 2010 – 11: PI of the University of Turin research unit for “SALC - Services ‘a la Carte” project, co-financed by Finpiemonte under the competitive “Progetto Polo ICT” framework. Grant received: 58k euros, project’s total cost (5 partners): 259k euros
- 2010 – 2011: Co-PI, with Francesco Bergadano, of the “SIPLab - Social Information Processing” project, financially supported by CSP Sca.r.l.. Grant received: 45k euros
- 2008 – 2009: PI of the “Recommendation & Discovery for PVR” project, financially supported by Torino Wireless, under the competitive “Bando Omega Box” framework. Grant received: 90k euros, project’s total cost: 250k euros
- 2003 – 2005: PI of the University of Turin research unit for the “WebMinds” project co-financed by MIUR (Italian Minister of University and Research), under the competitive FIRB framework. Project n. RBNE01WEJT005.

Participation to Research Projects

- 2022: “AI Aware” project, co-financed by University of Turin after the “Public Engagement projects 2021” competitive call.
- 2019 – 2020: “Be Positive: Understanding and tackling online hate speech in Italy” project, financed by Google.org after the “Impact Challenge on Safety” competitive call.
- 2019: “M.EMO.RAI”, financed by RAI - Radiotelevisione Italiana, on measurement of the emotional involvement of television programs by monitoring data from social media. Project PI: Prof. Viviana Patti. Grant received: 40k euros
- 2016 – 2019: “Toreador: Trustworthy model-aware Analytics Data platform”, co-financed by EU Commission, under EC-RIA, H2020 framework, after the ICT-2015-16 competitive call. Our research unit was the “Big Data Laboratory” of CINI.
- 2016 – 2018: “Hate Speech & Social Media”, financed by Fondazione CRT after a competitive call. Project PI: Dr. Cristina Bosco. Grant received: 30k euros.
- 2017 – 2019: “IhatePrejudice: Immigrants, Hate and Prejudice in Social Media”, financed by Compagnia di San Paolo after a competitive call. Project PI: Dr. Cristina Bosco. Grant received: 77k euro.
- 2018 – 2019: “Contro l’odio: tecnologie informatiche, percorsi formativi e storytelling partecipativo per combattere l’intolleranza”, co-financed by Italian Minister on Jobs and Social Politics, after a competitive call (Avviso n. 1/2017 per il finanziamento di iniziative e progetti di rilevanza nazionale ai sensi dell’art. 72 del decreto legislativo 3 luglio 2017, n.117). Project PI: Dr. Cristina Bosco.
- 2007 – 2009: “Gestione sicura ed affidabile del livello applicativo per la distribuzione peer-to-peer di contenuti”, Co-financed by the Minister of University and Research (MIUR), within the PRIN framework, protocol n. 2006099023_002. PI (research unit): Prof. Matteo Sereno. PI (national level): Prof. Renato Lo Cigno.

Coordination of projects submitted to competitive calls, but not admitted to the final stage

- 2020: Scientific coordinator (PI) of the “15MinsReady” project proposal, submitted to “Bando Erogazioni Ordinarie 2020” call of Fondazione CRT.
- 2019: PI of the “SHERPA” project proposal, submitted to “H2020-SC6-MIGRATION-2018-2019-2020” call, under “H2020, Funding Scheme: IA” program. The consortium that I coordinated was made of the following partners: Universitat Passau, Isi Foundation, 40Labs srl, Coretech Innovations Ltd, Municipality Of Thermi, Gemeinde Neuburg A. Inn, Ortelio Ltd, Agencia Estatal Consejo Superior De Investigaciones Cientificas, Netatlas srl, Comune Di Bergamo. Final evaluation: **9.5/15**.

2019: PI of the University of Turin research unit of the “D4I Data For Integration: exploiting data science for a smoother integration process, at the finest territorial granularity.” project, submitted to the “FISR 2019” of MIUR (Italian Minister of University and Research). The partners of the consortium were: University of Milan (PI Prof. Paolo Boldi, national coordination), and University of Salerno (PI Prof. Vittorio Scarano). Final evaluation: **54/60**.

(k) Scientific Advisor for Public and Private Institutions

2022 – today: Member of the Advisory Board of CINI’s “National Big Data laboratory”.

2019 – 2021: Scientific Advisor of the “Innovation in advanced analytics - Applicazione della Network Science, delle metodologie e strumenti per analizzare, comprendere e predire pattern sui comportamenti finanziari” implementation agreement, on behalf of Intesa Sanpaolo Innovation Center

2014 – 2022: Head of Turin’s CINI node of the “National Big Data laboratory”.

2010 – 2011: Vice Head of “SIPLab - Social Information Processing” laboratory, on behalf of CSP Scarl.

(l) International Mobility

Outbound Mobility and International Affiliations

2011 – 2020 Adjunct Professor, School of Informatics and Computing,
Indiana University

2010 – 2011 Visiting Professor, Center for Complex Networks and Systems Research
(CNETS), Indiana University, upon invitations from Prof. F. Menczer and Prof. A. Vespignani

2004 Visiting Scholar, Courant Institute of Mathematical Science
New York University (NYU), upon invitation of Prof. David Mazieres

1995 Intern, Twente University, NL

Inbound Mobility from International Institutes

2022	Dr. Anna Sapienza, Visiting Scientist Copenhagen Center for Social Data Science (SODAS), University of Copenhagen (DK)
2017 – 2019, 2022	Prof. Alessandro Flammini, Visiting Professor Indiana University, Bloomington, IN (USA)
2020	Prof. Romain Boulet, Visiting Professor Université Jean Moulin, Lyon (FR)
2019	Maeva Siga, Internship University of Grenoble, Grenoble (FR)
2017	Dr. Bruno Goncalves, Visiting Scholar New York University, NY (USA)
2017	Prof. Leo Ferres, Visiting Professor Universidad de Desarrollo, Santiago de Chile (Chile)
2017	Prof. Johan Bollen, Visiting Professor Indiana University, Bloomington, IN (USA)
2007 – 08	André Panisson, Visiting Scholar, Universidade Federal do Rio Grande do Sul, Porto Alegre (Brasil)

(m) Invited speeches

I regularly participate as a speaker at national and international conferences to present my work and that of the research group; only the most recent **invited relationships** are listed in this section:

- 15-17 June 2021 – Lecturer at COINS 2021 Summer Research School of Computer and Information Security. Course delivered: “The science of (fighting) fake news”. School participants from: NTNU (Gjøvik and Trondheim), University of Agder, University of Bergen, University of Oslo, University of Stavanger, and University of Tromsø.
<https://coinsrs.no/coins-summer-school-2021-in-metochi-or-online/>
- 17 December 2020 – Participation to panel: “Age of Misinformation: an Interdisciplinary Outlook on Fake-News”, event organized by CEST (Centro per l’Eccellenza e gli Studi Interdisciplinari), in partnership with Elsevier, Dublin College University, Provenance H2020, Centro Einaudi, Detect – University of Pisa. Under the patronage of European Parliament.
- 09 October 2020 – Invited tutorial: “Computational Approaches to Study Fake News, Misinformation, and Disinformation Diffusion”, 7th IEEE International Conference on Data Science and Advanced Analytics, Sydney (Australia).
- 24 March 2020 – Invited keynote: “Fake News in Social Nets: how to observe, study, and contrast them”, at AI Lab, Intesa Sanpaolo Innovation Center
- 04 March 2020 – Invited keynote: “Divided we Stand: Methods and Tools to Represent, Understand, and Analyze a Digital Society”, at Norwegian Institute of Science and Technology, Gjøvik (Norway).
- 09 October 2019 – Invited keynote: “Divided we Stand: Methods and Tools to Represent, Understand, and Analyze a Digital Society”, at Network Science Institute, Northeastern University, Boston, MA (USA). Invited by Prof. Tina Eliassi Rad.

- 10 September 2019 – Invited keynote at PAN @ CLEF, “Hoax vs fact checking: understanding and predicting the diffusion of low quality information on communication networks”, Lugano (Switzerland).
- 28 March 2018 – Invited keynote: “Misinformation, fact-checking and gullible communities” at Universidad de Concepción, Concepción (Chile).
- 26 March 2018 – Invited lecture: “Introduction to Complex Networks” presso Universidad de Desarrollo (UDD), Santiago de Chile (Chile)
- 07 February 2018 – Invited Keynote at University of Insubria, Como (Italy): “Capire la diffusione delle bufale e se è possibile contrastarle”. The keynote was addressed to PhD students and journalists during the event: “Il vero delle false verità”, organized by Prof. Massimo Caccia, Physicist.
- 29 September 2017 – Invited keynote at University of Insubria, Varese (Italy): “Un approccio computazionale per capire le dinamiche della competizione tra bufale e verità” during the “Bufale, fake-news, rumors e post-verità: discipline a confronto” workshop, organized by the “Mass media e società: storia e critica dell’opinione pubblica” research center.
- 08 November 2016 – Invited keynote at University of Insubria: “La scienza delle reti: dai dati alle applicazioni”, at “L’Università di Torino verso il futuro Ricerca, innovazione e formazione al tempo dei Big Data” workshop, Collegio Carlo Alberto, 8 November 2016, Moncalieri (Italy).
- 29 August 2016 – Invited keynote: “On the Nature of Homophily, Heterophily and Social Polarization”, at International Workshop on Complex Networks: from socio-economic systems to biology and brain, Lipari, ME (Italy).
- 28 July 2016 – Invited keynote: “On the Nature of Homophily and Heterophily in Social Interactions and Social Polarization Phenomena”; during the opening ceremony of Instituto Data Science, Universidad de Desarrollo (UDD), Santiago de Chile (Chile).

(n) Awards, Honary Fellowships

- 25 July 2011 – today: **Adjunct Professor**, Luddy School of Informatics, Computing, and Engineering, Indiana University https://luddy.indiana.edu/contact/profile/?Giancarlo_Ruffo.
- 08 October 2015 – 07 October 2018: **ISI Fellowship**; On a yearly basis, ISI Fellow program selects top scholars to be external members of the ISI Foundation research community, in order to collaborate on scientific problems that span across disciplines (math, physics, biology, social sciences, humanities) in the pursuit of breaking new grounds at the forefront of complex systems and network science, data and computational science, information technologies, computational epidemiology & public health, and statistical physics. ISI Fellows are selected according to their scientific excellence and synergy with the scientific activities carried within the ISI Foundation and they are awarded this title for three years, along with funding support to spend visiting period at the ISI Foundation and foster the collaboration with ISI resident scientists <http://www.isi.it/en/news-events/meet-the-isi-fellows-2015>.

07 June 2012: **Best Dataset Award** at ICWSM 2012 for paper “People Are Strange When You’re a Stranger: Impact and Influence of Bots on Social Network”.

2009: **ACM Recognition of Service Award** in recognition f.or Contribution to ACM Co-Chair HT’09 20th ACM Conference

(o) Program Committees and Editorial Activities

I regularly participate in scientific review activities within the textbf program committees of the main conferences that affect my research activities, e.g., TheWebConf (formerly known as WWW), for the track: "Social Network Analysis and Graph Algorithms"; SocInfo (Social Informatics); IC2S2 (International Conference on Computational Social Science); MSM (International Conference on Modeling Social Media: Mining, Modeling and Learning from Social Media); WebSci (ACM Conference on Web Science); ICWSM (International AAAI Conference on Web and Social Media); NetSci (International School and Conference on Network Science); DSAA (IEEE International Conference on Data Science and Advanced Analytics); etc.

2023 – today Associate Editor of “EPJ Data Science” journal.

2022 Lightning Co-Chair “COMPLEX NETWORKS 2022 - The 11th International Conference on Complex Networks and their Applications”, Palermo.

2020 Editor: “Special Issue on Society and the Web in a Post-lockdown World: Innovations for Cities, Citizens, and Netizens”, Future Internet, MDPI

06 – 09 October 2020: Special Sessions Co-Chair, DSAA 2020, IEEE Conference on Data Science and Advanced Analytics
<http://dsaa2020.dsaa.co/organizing-committee/>

2020 Editor: “Special Issue on Network analysis and computational social science: theory, methods, applications, future perspectives”, Future Internet, MDPI.

03 – 05 October 2018 "Web Studies" Track co-chair of "ACM/SigWeb Digital Tools and Uses conference"

01 – 04/10/2018: Special Sessions Co-Chair, DSAA 2018, IEEE Conference on Data Science and Advanced Analytics
<https://dsaa2018.isi.it/organization>

2016 – 2019: Workshop "SECS Complex networks: from socio-economic systems to biology and brain". Event by invitation only, under the "J. T. Schwartz International School for Scientific Research" traditionally held in Lipari (Italy)

01 September 2014: Workshop "Data Visualization" (DataWiz 2014) organization - satellite event of ACM Hypertext 2014, Santiago de Chile

29 June – 01 July 2009: General Co-Chair of ACM Conference on Hypertext and Hypermedia, held in Turin in 2009 (Hypertext 2009)
<http://www.ht2009.org/committees.php>

2004 – 2008 International Workshop on Hot Topics in Peer-to-Peer Systems (HOT-P2P) organization. Other organizers: Chiola, G., Cappello, F., Anglano, C., Ateniese, G., Bourgeois, J., Colajanni, M., Corradi, A., Ezhilchelvan, P., Fuhrmann, T., Gargano, L., Iannello, G., Lauria, M., Lefevre, L., Mancini, L., Parashar, M., and Wolsky, R..

(p) Industrial Transfer

2021 Sale of NetAtlas s.r.l. shares, and exit from Board of Partners
2016 Co-Foundation of NetAtlas s.r.l., as a SME
2013 – 2016 Co-Foundation of NetAtlas as a start-up company

More Information: I co-founded the innovative start-up "NetAtlas s.r.l." in 2013 (share capital: 34%). The company is still active and since 2016 it has become a SME to all intents and purposes, exiting the start-up state. According to the Corporate Object at the time of incorporation, "the company NetAtlas s.r.l. has as its main object the development, production and marketing of innovative products and services with high technological value [omissis].".

The personal experience ended in July 2021 with the sale of the shares to one of the three founding members and partners. At the time of the sale, the company was active and substantially independent: the technology transfer process was finally completed, with approximately 20 permanent employees.

(q) Public Engagement

Orientation

a.a. 2021/22 Chair of the "Orientation and Informatics in Schools" Committee;
"Open days" events' organization;
organization of teaching labs for high school students.

Radio shows and Podcasts

2019 – today creator e co-host of "Eulero", a radio show on Science, culture and technology, broadcasted by Radio Banda Larga <http://rbl.media>
More info and links to podcasts:
<https://giaruffo.github.io/#eulero>.

Recent Press Coverage

- "Così i media hanno comunicato i vaccini anti-Covid", Adriana Riccomagno, in Policy and Procurement in HealthCare (PPHC), 26 Sep 2022
- Book review: "Bufale, fake news, rumors e post-verità. Discipline a confronto" a cura di Antonio M. Orecchia e Damiano G. Preatoni", su lettura.org, 22 Mar. 2022
- Book review: "Bufale, fake news, rumors e post-verità. Discipline a confronto" a cura di Antonio M. Orecchia e Damiano G. Preatoni", su PC Professionale, rubrica "i libri del mese", 01 Mar. 2022
- Book review: "The Donald si riprende la voce ma anche i dati degli elettori", Corriere del Ticino, 22 Feb. 2022
- Book review: "Libri & Cultura consiglia: Bufale, fake news, rumors e post-verità. Discipline a confronto, a cura di Antonio Maria Orecchia e Damiano Giovanni Preatoni", letteraturaecinema.blogspot.com, 07 Feb. 2022

- “L’intelligenza artificiale svela le emozioni provocate da Sanremo: "rabbia" per Ditonellapiaga, "gioia intensa" per Emma”, Cristina Palazzo, La Repubblica, Torino, 7 Feb 2022
- “Sanremo 2022, le emozioni social catturate dall’intelligenza artificiale”, Mauro Notarianni, Macitynet.it, 8 Feb 2022,
- “Gli hashtag aiutano l’introvertita città. Così ha più autostima e osa mostrarsi”, Adriana Riccomagno, La Stampa, 5 Jan 2021
- “FakeNewsLab: venti domande per scoprire se sai distinguere una bufala”, Adriana Riccomagno, Futura News, 10 Jun 2020
- “I tweet non hanno più segreti. A Torino l’Auditel delle emozioni”, La Stampa, 22 Nov 2019
- “L’Auditel delle emozioni: un’intelligenza artificiale misurerà i sentimenti degli spettatori davanti alla tv”, Jacopo Ricca, La Repubblica Torino, 22 Nov 2019
- “Nasce l’Auditel delle emozioni’ Progetto della Rai con l’università di Torino”, Ansa, 22 Nov 2019

(r) Selected Publications

References

1. S. Vilella, A. Capozzi, M. Fornasiero, D. Moncalvo, V. Ricci, S. Ronchiadin, and G. Ruffo, “Weirdnodes: centrality based anomaly detection on temporal networks for the anti-financial crime domain,” *Applied Network Science*, vol. 10, no. 1, p. 14, 2025.
2. M. Lai, S. Vilella, F. Cena, and G. Ruffo, “A complex networks approach to evaluate the 15-minute city paradigm and urban segregation at different scales,” in *Complex Networks & Their Applications XIII* (H. Cherifi, M. Donduran, L. M. Rocha, C. Cherifi, and O. Varol, eds.), (Cham), pp. 435–446, Springer Nature Switzerland, 2025.
3. A. Capozzi, A. Semeraro, and G. Ruffo, “Analyzing and visualizing polarization and balance with signed networks: the u.s. congress case study,” *Journal of Complex Networks*, vol. 11, June 2023.
4. M. Lai, S. Vilella, F. Cena, V. Patti, and G. F. Ruffo, “United-and-close: An interactive visual platform for assessing urban segregation within the 15-minutes paradigm,” in *Adjunct Proceedings of the 31st ACM Conference on User Modeling, Adaptation and Personalization*, UMAP ’23 Adjunct, (New York, NY, USA), p. 115–120, Association for Computing Machinery, 2023.
5. S. Vilella, A. T. E. Capozzi Lupi, G. Ruffo, M. Fornasiero, D. Moncalvo, V. Ricci, and S. Ronchiadin, “Exploiting graph metrics to detect anomalies in cross-country money transfer temporal networks,” in *Companion Proceedings of the ACM Web Conference 2023*, WWW ’23 Companion, (New York, NY, USA), p. 1245–1248, Association for Computing Machinery, 2023.
6. G. Ruffo, A. Semeraro, A. Giachanou, and P. Rosso, “Studying fake news spreading, polarisation dynamics, and manipulation by bots: A tale of networks and language,” *Computer Science Review*, vol. 47, p. 100531, 2023.
7. G. Ruffo and A. Semeraro, “Fakenewslab: Experimental study on biases and pitfalls preventing us from distinguishing true from false news,” *Future Internet*, vol. 14, no. 10, 2022.
8. A. Semeraro, S. Vilella, G. Ruffo, and M. Stella, “Emotional profiling and cognitive networks unravel how mainstream and alternative press framed astrazeneca, pfizer and covid-19 vaccination campaigns,” *Scientific Reports*, vol. 12, 08 2022.

9. J. Lenti and G. Ruffo, “Ensemble of opinion dynamics models to understand the role of the undecided about vaccines,” *Journal of Complex Networks*, vol. 10, 06 2022. cnac018.
10. S. Vilella, A. Semeraro, D. Paolotti, and G. Ruffo, “Measuring user engagement with low credibility media sources in a controversial online debate,” *EPJ Data Science*, vol. 11, no. 29, pp. 1–23, 2022.
11. R. Gaeta, M. Garetto, G. Ruffo, and A. Flammini, “Reconciling the quality vs popularity dichotomy in online cultural markets,” *ACM Trans. Inf. Syst.*, vol. 41, Jan. 2023.
12. A. Semeraro, S. Vilella, and G. Ruffo, “Pyplutchik: Visualising and comparing emotion-annotated corpora,” *PLOS ONE*, vol. 16, pp. 1–24, 09 2021.
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(s) Books and Books chapters

A selection of contributions published in monographic books can be found below.

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(t) Authorization to process Personal Data

I authorize the processing of personal data present in the CV pursuant to Legislative Decree .Lgs. 101/2018 and of the GDPR (EU Regulation 2016/679)