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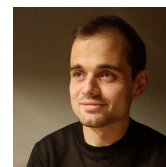
Istruzione

Nov. 2019 – Gen. 2023	**Dottorato**, Università degli Studi di Udine, Italia. Cum Laude. Informatica e Scienze Matematiche e Fisiche, 35º ciclo.
Mar. 2015 – Mar. 2018	**Laurea Magistrale in Informatica**, Università degli Studi di Udine, Italia, 109/110.
Ott. 2011 – Mar. 2015	**Laurea Triennale in Tecnologie Web e Multimediali**, Università degli Studi di Udine, Italia, 101/110.
Set. 2006 – Giu. 2011	**Diploma di Scuola Secondaria**, I.S.I.S. R. D'Aronco, Gemona del Friuli, Italia, 77/100. Perito Industriale Capotecnico - Specializzazione Informatica

Visite

Mar. 2022 – Jul. 2022	**Studente in Visita**, Centrum Wiskunde & Informatica, Amsterdam, The Netherlands. Periodo di visita come studente di dottorato.

Esperienza Lavorativa

Mar. 2023 - Feb. 2025	**Assegnista di Ricerca (Post Doc)**, Università degli Studi di Udine, Italy. Progetto di ricerca relativo all'uso di agenti conversazionali nella pubblica amministrazione.
Giu. 2018 - Ott. 2019	**Assegnista di Ricerca**, Università degli Studi di Udine, Italia Progetto di ricerca cofinanziato da SISSA Medialab.
Giu. 2017 – Ott. 2019	**Sviluppatore Web Full Stack** Datamantix S.r.l., Udine, Italia. Progettazione, sviluppo e manutenzione di applicazioni web e chatbot.
Ago. 2017 – Feb. 2018	**Sviluppatore Web Full Stack** Archeido S.r.l., Udine, Italia. Sviluppo di un'applicazione web.
Nov. 2015 – Feb. 2016	**Sviluppatore Web Full Stack** Troublezine. Progettazione, sviluppo e manutenzione di un'applicazione web.

Pubblicazioni

1. La Barbera, D., **Soprano, M.**, Roitero, K., Maddalena, E., & Mizzaro, S. (2023). Fact-Checking at Scale with Crowdsourcing: Experiments and Lessons Learned. In F. M. Nardini, N. Tonelotto, G. Faggioli, & A. Ferrara (Eds.), *Proceedings of the 13th italian information retrieval workshop* (Vol. 3448, pp. 85–90). Pisa, Italy: CEUR-WS.org. Retrieved from 🔗 https://ceur-ws.org/Vol-3448/paper-18.pdf

2. Roitero, K., Barbera, D. L., **Soprano, M.**, Demartini, G., Mizzaro, S., & Sakai, T. (2023). How Many Crowd Workers Do I Need? On Statistical Power When Crowdsourcing Relevance Judgments. *ACM*

Transactions on Information Systems. Just Accepted. Journal Ranks: Journal Citation Reports (JCR) Q1 (2021), Scimago (SJR) Q1 (2021). doi:10.1145/3597201

3. Roitero, K., **Soprano**, **M.**, Portelli, B., De Luise, M., Spina, D., Mea, V. D., … Demartini, G. (2023). Can the crowd judge truthfulness? a longitudinal study on recent misinformation about covid-19. *Personal and Ubiquitous Computing, 27*(1), 59–89. Journal Ranks: Journal Citation Reports (JCR) Q2 (2020), Scimago (SJR) Q1 (2021). doi:10.1007/s00779-021-01604-6

4. Brand, E., Roitero, K., **Soprano**, **M.**, Rahimi, A., & Demartini, G. (2022). A neural model to jointly predict and explain truthfulness of statements. *Journal of Data and Information Quality, 15*(1). Journal Ranks: Journal Citation Reports (JCR) Q3 (2021), Scimago (SJR) Q2 (2021). doi:10.1145/3546917

5. Ceolin, D., Primiero, G., **Soprano**, **M.**, & Wielemaker, J. (2022). Transparent assessment of information quality of online reviews using formal argumentation theory. *Information Systems, 110,* 102107. Journal Ranks: Journal Citation Reports (JCR) Q2 (2021), Scimago (SJR) Q1 (2021).
doi:10.1016/j.is.2022.102107

6. Draws, T., La Barbera, D., **Soprano**, **M.**, Roitero, K., Ceolin, D., Checco, A., & Mizzaro, S. (2022). The Effects of Crowd Worker Biases in Fact-Checking Tasks. In *2022 acm conference on fairness, accountability, and transparency* (pp. 2114–2124). doi:10.1145/3531146.3534629

7. **Soprano**, **M.**, Roitero, K., Bombassei De Bona, F., & Mizzaro, S. (2022). Crowd_Frame: A Simple and Complete Framework to Deploy Complex Crowdsourcing Tasks Off-the-Shelf. In *Proceedings of the fifteenth acm international conference on web search and data mining* (pp. 1605–1608). Conference Ranks: GGS A+, Core A*. doi:10.1145/3488560.3502182

8. Brand, E., Roitero, K., **Soprano**, **M.**, & Demartini, G. (2021). E-BART: Jointly Predicting and Explaining Truthfulness. In I. Augenstein, P. Papotti, & D. Wright (Eds.), *Proceedings of the 2021 truth and trust online conference* (pp. 18–27). Virtual Event. Retrieved from
https://truthandtrustonline.com/wp-content/uploads/2021/10/TTO2021_paper_16-1.pdf

9. Ceolin, D., Primiero, G., Wielemaker, J., & **Soprano**, **M.** (2021). Assessing the Quality of Online Reviews Using Formal Argumentation Theory. In M. Brambilla, R. Chbeir, F. Frasincar, & I. Manolescu (Eds.), *Web Engineering* (pp. 71–87). Conference Ranks (2021): GGS B-, Core B.
doi:10.1007/978-3-030-74296-6_6

10. **Soprano**, **M.**, Roitero, K., La Barbera, D., Ceolin, D., Spina, D., Mizzaro, S., & Demartini, G. (2021). The Many Dimensions of Truthfulness: Crowdsourcing Misinformation Assessments on a Multidimensional Scale. *Information Processing & Management, 58*(6), 102710. Journal Ranks: Journal Citation Reports (JCR) Q1 (2021), Scimago (SJR) Q1 (2021). doi:10.1016/j.ipm.2021.102710

11. Roitero, K., **Soprano**, **M.**, Portelli, B., Spina, D., Della Mea, V., Serra, G., … Demartini, G. (2020). The COVID-19 Infodemic: Can the Crowd Judge Recent Misinformation Objectively? In *Proceedings of the 29th acm international conference on information and knowledge management* (pp. 1305–1314). Conference Ranks: GGS A+, Core A. doi:10.1145/3340531.3412048

12. Roitero, K., **Soprano**, **M.**, Fan, S., Spina, D., Mizzaro, S., & Demartini, G. (2020). Can The Crowd Identify Misinformation Objectively? The Effects of Judgment Scale and Assessor's Background. In *Proceedings of the 43st International ACM SIGIR Conference on Research and Development in Information Retrieval.* (pp. 439–448). Conference Rank: GGS A++, Core A*. doi:10.1145/3397271.3401112

13. **Soprano**, **M.**, Roitero, K., & Mizzaro, S. (2019a). Bias and Fairness in Effectiveness Evaluation by Means of Network Analysis and Mixture Models. In Agosti, Maristella and Di Buccio, Emanuele and Melucci, Massimo and Mizzaro, Stefano and Pasi, Gabriella and Silvestri, Fabrizio (Ed.), *Proceedings of the 10th Italian Information Retrieval Workshop* (Vol. 2441, 6–7). Padova, Italy: CEUR-WS.org. Retrieved from
%7Bhttp://ceur-ws.org/Vol-2441/paper4.pdf%7D

14. **Soprano**, **M.**, Roitero, K., & Mizzaro, S. (2019b). HITS Hits Readersourcing: Validating Peer Review Alternatives Using Network Analysis. In Chandrasekaran, Muthu Kumar and Mayr, Philipp (Ed.),

Proceedings of the 4th Joint Workshop on Bibliometric-enhanced Information Retrieval and Natural Language Processing for Digital Libraries co-located with the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval (Vol. 2414, 70–82). Paris, France: CEUR-WS.org. Retrieved from 🔗 `%7Bhttp://ceur-ws.org/Vol-2414/paper7.pdf%7D`

15 **Soprano**, **M.**, & Mizzaro, S. (2019a). Crowdsourcing Peer Review in the Digital Humanities? In *Book of Abstracts, 8th AIUCD Conference 2019 – Pedagogy, Teaching, and Research in the Age of Digital Humanities* (p. 251). Udine, Italy. Retrieved from
🔗 `http://aiucd2019.uniud.it/wp-content/uploads/2020/03/AIUCD2019-BoA_DEF.pdf`

16 **Soprano**, **M.**, & Mizzaro, S. (2019b). Crowdsourcing Peer Review: As We May Do. In Manghi, Paolo and Candela, Leonardo and Silvello, Gianmaria (Ed.), *Digital Libraries: Supporting Open Science* (Vol. 988, 259–273). 🔗 doi:{10.1007/978-3-030-11226-4_21}

17 Roitero, K., **Soprano**, **M.**, Brunello, A., & Mizzaro, S. (2018). Reproduce and Improve: An Evolutionary Approach to Select a Few Good Topics for Information Retrieval Evaluation. *Journal of Data and Information Quality*, *10*(3). Journal Rank: Scimago (SJR) Q2 (2018). 🔗 doi:10.1145/3239573

18 Roitero, K., **Soprano**, **M.**, & Mizzaro, S. (2018). Effectiveness Evaluation with a Subset of Topics: A Practical Approach. In *The 41st International ACM SIGIR Conference on Research and Development in Information Retrieval* (pp. 1145–1148). Conference Rank: GGS A++, Core A*.
🔗 doi:10.1145/3209978.3210108

Metrics

	Scholar	Scopus	ACM Digital Library
Articoli	19	14	11
Citazioni	172	98	52
Citazioni / Articolo	9.05	7.00	4.72
H-index	6	4	–
i10-index	4	–	–

Presentazioni

2023 🔖 **Towards a Conversational-Based Agent for Health Services** *Terzo Convegno Nazionale CINI sull'Intelligenza Artificiale*, May 29-31, 2023. Pisa, Italy.
`https://www.ital-ia2023.it/submission/96/presentation`

2022 🔖 **Crowd_Frame: A Simple and Complete Framework to Deploy Complex Crowdsourcing Tasks Off-the-Shelf** *The 15th ACM International Conference on Web Search and Data Mining*, October 19-23, 2020. Phoenix, U.S.A. Online, tenutosi in remoto a causa dell'epidemia di COVID-19 (contributo pre-registrato).
`https://dl.acm.org/doi/abs/10.1145/3488560.3502182`
sezione supplemental material

2020 🔖 **The COVID-19 Infodemic: Can the Crowd Judge Recent Misinformation Objectively?** *29th ACM International Conference on Information and Knowledge Management*, 19-23 Ottobre, 2020. Galway, Irlanda. Online, tenutosi in remoto a causa dell'epidemia di COVID-19 (contributo pre-registrato).
`https://dl.acm.org/doi/10.1145/3340531.3412048`
sezione supplemental material

Presentazioni (continued)

- **Can The Crowd Identify Misinformation Objectively? The Effects of Judgment Scale and Assessor's Background** *43rd International ACM SIGIR Conference on Research and Development in Information Retrieval*, 25-30 Luglio, 2020. Xi'an, China. Online tenutosi in remoto a causa dell'epidemia di COVID-19 (contributo pre-registrato).
  https://www.youtube.com/watch?v=D10EtrThvbc
  https://dl.acm.org/doi/abs/10.1145/3397271.3401112
  sezione supplemental material

2019
- **Bias and Fairness in Effectiveness Evaluation by Means of Network Analysis and Mixture Model** *Italian Information Retrieval Workshop*, 16-18 Settembre, 2019. Padova, Italia.
  https://docs.google.com/presentation/d/1F751FzwnxZjA0y0ctZy91BWEJzlCV19L9fF5OCn20Lo/edit?usp=sharing

Insegnamento

2022-2023
- **Social Computing**, Laurea Triennale in Internet of Things, Big Data & Web, Università degli Studi di Udine. Anno Accademico 2021/2022. Lezioni: 2. Ore: 4.

2021-2022
- **Social Computing**, Laurea Triennale in Internet of Things, Big Data & Web, Università degli Studi di Udine. Anno Accademico 2021/2022. Lezioni: 6. Ore: 12.

2020-2021
- **Social Computing**, Laurea Triennale in Internet of Things, Big Data & Web, Università degli Studi di Udine. Anno Accademico 2020/2021. Lezioni: 6. Ore: 12.

Attività Accademica

Ruoli Organizzativi

2023
- "CARE: The first Workshop on Conversational Agents and Responsible Ethics in Healthcare" at The European Federation of Medical Informatics Special Topic Conference (EFMI STC 2023). October 25–26, 2023, Torino, Italy. Organizer.

2022
- Fourth Symposium on Biases in Human Computation and Crowdsourcing (BHCC 2022), Rome, Italy. Proceedings and Website Chair.

Membro del Comitato di Programma

2023
- 45th European Conference on Information Retrieval (ECIR 2023), Dublin, Ireland. *Short Paper Track*.

2022
- 45th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2022), Madrid, Spain. *Short Paper Track*.

2021
- Third Symposium on Biases in Human Computation and Crowdsourcing (BHCC 2021), Online.

Revisore

2023
- Information Processing & Management. ISSN della Rivista: https://portal.issn.org/resource/ISSN/0306-4573. Disponibile su profilo ORCID.
- Springer Nature Scientific Report.
- 13th Italian Information Retrieval Workshop (IIR 2023), Pisa, Italy.

2022
- Information Processing & Management.
- Tenth AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2022), Online.
- Conference and Labs of the Evaluation Forum (CLEF 2022), Bologna, Italy.
- 44th European Conference on Information Retrieval (ECIR 2022), Stavanger, Norway.

Attività Accademica (continued)

Second Symposium on Biases in Human Computation and Crowdsourcing (BHCC 2021), Delft, Netherlands (Online).

2021 30th ACM International Conference On Information And Knowledge Management (CIKM 2021), Online.

32nd ACM Conference on Hypertext and Social Media, (HT 2021), Online.

2020 29th ACM International Conference On Information And Knowledge Management (CIKM 2020), Galway, Ireland (Online).

31st ACM Conference on Hypertext and Social Media (HT 2020), Online.

2019 15th Italian Research Conference On Digital Libraries (IRCDL 2019), Pisa, Italy.

Supervisione

2020 – 2023 **Co-supervisione** di 2 tesi magistrali, 11 tesi triennali e vari laboratori avanzati e seminari di studenti.

Affiliazioni

2021 – In Corso **Membro** del laboratorio SMDC (Social, Mobile, Data, Crowd), si veda `http://smdc.uniud.it/smdc/membri/?lang=en`

Riconoscimenti

2022 **Student Grant**, *15th ACM International Conference on Web Search and Data Mining (WSDM 2022)*, Phoenix, U.S.A. Online (tenutosi in remoto a causa dell'epidemia di COVID-19). Fornito da WSDM. Registrazione gratuita al convegno.

2020 **Student Grant**, *29th ACM International Conference On Information And Knowledge Management (CIKM 2020)*, Galway, Irlanda. Online (tenutosi in remoto a causa dell'epidemia di COVID-19). Fornito da CIKM. Registrazione gratuita al convegno.

2019 **Volontario**, *43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2020)*, Xi'an, Cina. Online (tenutosi in remoto a causa dell'epidemia di COVID-19). Fornito da SIGIR. Registrazione gratuita al convegno.

Referenze

Disponibili su richiesta

Collegamenti

Google Scholar: `https://scholar.google.com/citations?user=ocK0qRUAAAAJ`

ORCID: `https://orcid.org/0000-0002-7337-7592`

DBLP: `https://dblp.org/pid/222/1241.html`

Mendeley: `https://www.mendeley.com/profiles/michael-soprano/`

Scopus: `https://www.scopus.com/authid/detail.uri?authorId=57203392311`

ACM Digital Library: `https://dl.acm.org/profile/99659280921`

Ultimo aggiornamento: 7 Agosto 2023