

# Michael Soprano, Dottorando

✉ [michael.soprano@uniud.it](mailto:michael.soprano@uniud.it)  
🐙 Miccighel    🐦 @Miccighel\_  
🆔 <https://orcid.org/0000-0002-7337-7592>  
🌐 <https://www.linkedin.com/in/michaelsoprano/>  
🌐 <https://michaelsoprano.com/>



## Istruzione

- Nov. 2019 – In Corso    📖 **Dottorando**, Università degli Studi di Udine, Italia.  
Dottorato di ricerca in Informatica e Scienze Matematiche e Fisiche, 35° 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

- 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    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 *Proceedings of the 2022 ACM Conference on Fairness, Accountability, and Transparency* (pp. 2114–2124). [doi:10.1145/3531146.3534629](https://doi.org/10.1145/3531146.3534629)
- 2    **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).  
[doi:10.1145/3488560.3502182](https://doi.org/10.1145/3488560.3502182)
- 3    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*, 58(6).  
[doi:10.1145/3546917](https://doi.org/10.1145/3546917)





- 4 Ceolin, D., Primiero, G., **Soprano, M.**, & Wielemaker, J. (2022). Transparent assessment of information quality of online reviews using formal argumentation theory. *Information Systems*, 102107.  
[doi:10.1016/j.is.2022.102107](https://doi.org/10.1016/j.is.2022.102107)
- 5 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 (TTO 2021), virtual, october 7-8, 2021* (pp. 18–27). Hacks Hackers. Retrieved from  
[https://truthandtrustonline.com/wp-content/uploads/2021/10/TT02021%5C\\_paper%5C\\_16-1.pdf](https://truthandtrustonline.com/wp-content/uploads/2021/10/TT02021%5C_paper%5C_16-1.pdf)
- 6 Roitero, K., **Soprano, M.**, Portelli, B., De Luise, M., Spina, D., Mea, V. D., ... Demartini, G. (2021). Can The Crowd Judge Truthfulness? A Longitudinal Study on Recent Misinformation About COVID-19. *Personal and Ubiquitous Computing*. [doi:10.1007/s00779-021-01604-6](https://doi.org/10.1007/s00779-021-01604-6)
- 7 Ceolin, D., Primiero, G., Wielemaker, J., & **Soprano, M.** (2021). Assessing the Quality of Online Reviews Using Formal Argumentation Theory. In Brambilla, Marco and Chbeir, Richard and Frasinca, Flavius and Manolescu, Ioana (Ed.), *Web Engineering* (71–87). Cham: Springer International Publishing.
- 8 **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.  
[doi:https://doi.org/10.1016/j.ipm.2021.102710](https://doi.org/10.1016/j.ipm.2021.102710)
- 9 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 (CIKM2020)*. Galway, Ireland (Online). October 19-23, 2020. Conference Rank: GGS A+, Core A (1305–1314).  
[doi:10.1145/3340531.3412048](https://doi.org/10.1145/3340531.3412048)
- 10 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 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2020)*. Xi'an, China (Online). July 25-30, 2020. Conference Rank: GGS A++, Core A\* (439–448). [doi:10.1145/3397271.3401112](https://doi.org/10.1145/3397271.3401112)
- 11 **Soprano, M.**, Roitero, K., & Mizzaro, S. (2019a). Bias and Fairness in Effectiveness Evaluation by Means of Network Analysis and Mixture Models. In Maristella Agosti and Emanuele Di Buccio and Massimo Melucci and Stefano Mizzaro and Gabriella Pasi and Fabrizio Silvestri (Ed.), *Proceedings of the 10th Italian Information Retrieval Workshop, Padova, Italy, September 16-18, 2019* (Vol. 2441, 6–7). CEUR-WS.org. Retrieved from <http://ceur-ws.org/Vol-2441/paper4.pdf>
- 12 **Soprano, M.**, Roitero, K., & Mizzaro, S. (2019b). HITS Hits Readersourcing: Validating Peer Review Alternatives Using Network Analysis. In Muthu Kumar Chandrasekaran and Philipp Mayr (Ed.), *Proceedings of the 4th Joint Workshop on Bibliometric-enhanced Information Retrieval and Natural Language Processing for Digital Libraries (BIRNDL 2019) co-located with the 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2019), Paris, France, July 25, 2019* (Vol. 2414, 70–82). CEUR-WS.org. Retrieved from  
<http://ceur-ws.org/Vol-2414/paper7.pdf>
- 13 **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*, page 251. Udine, Italy, 2019 (p. 251). Udine, Italy. Retrieved from  
[http://aiucd2019.uniud.it/wp-content/uploads/2020/03/AIUCD2019-BoA\\_DEF.pdf](http://aiucd2019.uniud.it/wp-content/uploads/2020/03/AIUCD2019-BoA_DEF.pdf)
- 14 **Soprano, M.**, & Mizzaro, S. (2019b). Crowdsourcing Peer Review: As We May Do. In Paolo Manghi and Leonardo Candela and Gianmaria Silvello (Ed.), *Digital Libraries: Supporting Open Science - 15th Italian Research Conference on Digital Libraries, IRCDL 2019, Pisa, Italy, January 31 - February 1, 2019, Proceedings* (Vol. 988, 259–273). [doi:10.1007/978-3-030-11226-4\\_21](https://doi.org/10.1007/978-3-030-11226-4_21)

- 15 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. *J. Data and Information Quality*, 10(3). doi:{10.1145/3239573}
- 16 Roitero, K., **Soprano, M.**, & Mizzaro, S. (2018). Effectiveness Evaluation with a Subset of Topics: A Practical Approach. In *Proceedings of the 41st International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2018)*. Ann Arbor Michigan, U.S.A, July 8-12, 2018. Conference Rank: GGS A++, Core A\* (1145–1148). doi:{10.1145/3209978.3210108}



## Metrics

	Scholar	Scopus	ACM Digital Library
Articoli	16	13	8
Citazioni	95	59	26
Citazioni / Articolo	5.94	4.54	3.25
H-index	4	4	–
h-index	3	–	–

## Presentazioni

- 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
-  **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.


## Insegnamento

- 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

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### Ruoli Organizzativi

- 2022  Proceedings and Website Chair at the 4th Symposium on Biases in Human Computation and Crowdsourcing (BHCC 2022), Rome, Italy


### Membro del Program Committee

- 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

- 2022  The Tenth AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2022), Online.
-  Conference and Labs of the Evaluation Forum (CLEF 2022), Bologna, Italy.
- 2021  44th European Conference on Information Retrieval (ECIR 2022), Stavanger, Norway.
-  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.

### Tutoraggio




- 2020 – 2021  **Supervisione** di 1 tesi magistrale, 8 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

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- 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 CIKM. 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. Xi'an, China. Online (tenutosi in remoto a causa dell'epidemia di COVID-19). Registrazione gratuita al convegno.

## Referenze

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Disponibili su richiesta

## Collegamenti

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**Google Scholar:** <https://scholar.google.com/citations?user=ocK0qRUAAAJ>

**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>

*Autorizzo il trattamento dei miei dati personali ai sensi del GDPR 679/16 e del Decreto Legislativo 30 giugno 2003 n. 196 ("Codice in materia di protezione dei dati personali") ai fini di attività di ricerca e selezione del personale e contatti lavorativi.*

Ultimo aggiornamento: 12 Settembre 2022