

# Michael Soprano, PhD Student

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## Education

- Nov. 2019 – Ongoing    📖 **PhD Student**, University of Udine, Italy.  
PhD course in Computer Science, Mathematics and Physics, 35<sup>th</sup> cycle.
- Mar. 2015 – Mar. 2018    📖 **Master Degree in Computer Science**, University of Udine, Italy, 109/110.
- Oct. 2011 – Mar. 2015    📖 **Bachelor Degree in Web Technologies and Multimedia**, University of Udine, Italy, 101/110.
- Sep. 2006 – Jun. 2011    📖 **High School Diploma**, I.S.I.S. R. D'Aronco, Gemona del Friuli, Italy, 77/100.  
Head Technician Industrial Expert - Computer Science Specialization

## Work Experience

- Jun. 2018 - Oct. 2019    📖 **Research Fellow**, University of Udine, Italy.  
Research project co-funded by SISSA Medialab
- Jun. 2017 – Oct. 2019    📖 **Full Stack Web Developer** Datamantix S.r.l., Udine, Italy.  
Design, development and maintenance of various kinds of web applications and chatbots.
- Aug. 2017 – Feb. 2018    📖 **Full Stack Web Developer** Archeido S.r.l., Udine, Italy.  
Development of a web application.
- Nov. 2015 – Feb. 2016    📖 **Full Stack Web Developer** Troublezine.  
Design, development and maintenance of a web application

## Publications

- 1    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}
- 2    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}
- 3    **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 🔗 %7Bhttp://ceur-ws.org/Vol-2441/paper4.pdf%7D
- 4    **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>




- 5 **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)
- 6 **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}
- 7 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}
- 8 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
Articles	8	7	4
Citations	21	13	6
Citations / Articles	2.62	1.85	1.50
H-index	4	3	–
i10-index	0	–	–


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## Talks

- 2020  **The COVID-19 Infodemic: Can the Crowd Judge Recent Misinformation Objectively?** *29th ACM International Conference on Information and Knowledge Management*, October 19-23, 2020. Galway, Ireland. Online, held remotely due to COVID-19 (pre-recorded contribution).  
<https://dl.acm.org/doi/10.1145/3340531.3412048>  
 supplemental material section
-  **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*, July 25-30, 2020. Xi'an, China. Online, held remotely due to COVID-19 (pre-recorded contribution).  
<https://www.youtube.com/watch?v=D10EtrThvbc>  
<https://dl.acm.org/doi/abs/10.1145/3397271.3401112>  
 supplemental material section
- 2019  **Bias and Fairness in Effectiveness Evaluation by Means of Network Analysis and Mixture Model** *Italian Information Retrieval Workshop*, September 16-18, 2019. Padova, Italy.

## Teaching


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2020  **Social Computing**, Bachelor's Degree in Internet of Things, Big Data & Web, University of Udine. Academic Year 2020/2021. Lectures: 6. Hours: 12.


## Academic Activity

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### Reviewing Process

2020  **Sub-reviewer** at CIKM 2020, *29th ACM International Conference On Information And Knowledge Management*. Galway, Ireland (Online).


 **Sub-reviewer** at HT 2020, *23st ACM Conference on Hypertext and Social Media*. Online.

2019  **Sub-reviewer** at IRCDL 2019, *15th Italian Research Conference On Digital Libraries*. Pisa, Italy.

### Mentoring


2020 – 2021  **Co-supervisions** of one Bachelor (BSC) student's thesis and various advanced laboratory projects of Master (MSC) students.


### Affiliations

2021  **Member** of the SMDC Laboratory (Social, Mobile, Data, Crowd), see <http://smdc.uniud.it/smdc/membri/?lang=en>

## Honors & Grants

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2020  **Student Grant**, *29th ACM International Conference On Information And Knowledge Management (CIKM 2020)*, Galway, Ireland. Online (Held remotely due to COVID-19). Provided by CIKM. Free conference subscription.

2019  **Volunteer**, *43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2020)*, Xi'an, China. Online (Held remotely due to COVID-19). Free conference subscription.

## References

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Available on Request

## Links

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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>

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