**Dr. Pradeep K. Murukannaiah**

Interactive Intelligence / Intelligent Systems / EEMCS, Delft University of Technology, The Netherlands
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## (a) Professional Preparation

North Carolina State University, Raleigh, NC; Computer Science; Ph.D., 2016
North Carolina State University, Raleigh, NC; Computer Science; M.S., 2012
University Visveswaraya College of Engineering, Bangalore, India; Information Science & Eng.; B.E., 2005

## (b) Appointments

2019–Present: **Assistant Professor**, Delft University of Technology Delft, The Netherlands

2021–Present: **Co-Director, Hippo Delft AI Lab**, Delft University of Technology Delft, The Netherlands

2017–2019: **Assistant Professor**, Rochester Institute of Technology, Rochester, NY

2016–2017: **Postdoctoral Research Scientist**, Rochester Institute of Technology, Rochester, NY

2011: **Software Engineering Intern**, Google, Inc., Kirkland, WA

2005–2007: **Software Engineer**, Alcatel Lucent India Pvt. Ltd., Bangalore, India

## (c) Selected Publications

1. Enrico Liscio, Michiel van der Meer, Luciano C. Siebert, Catholijn M. Jonker, Niek Mouter, and Pradeep K. Murukannaiah. Axies: Identifying and evaluating context-specific values. In *Proceedings of the 20th Conference on Autonomous Agents and MultiAgent Systems*, AAMAS '21, pages 799–808, London, 2021

2. Guangchao Yuan, Munindar P. Singh, and Pradeep K. Murukannaiah. An interpretable framework for investigating the neighborhood effect in poi recommendation. *PLOS ONE*, 16(8):1–19, 08 2021. doi: 10.1371/journal.pone.0255685. URL https://doi.org/10.1371/journal.pone.0255685

3. Pradeep K. Murukannaiah, Nirav Ajmeri, Catholijn M. Jonker, and Munindar P. Singh. New foundations of ethical multiagent systems. In *Proceedings of the 19th Conference on Autonomous Agents and MultiAgent Systems*, AAMAS '20, pages 1706–1710, Auckland, 2020

4. Nirav Ajmeri, Hui Guo, Pradeep K. Murukannaiah, and Munindar P. Singh. Elessar: Ethics in norm-aware agents. In *Proceedings of the 19th Conference on Autonomous Agents and MultiAgent Systems*, AAMAS '20, pages 16–24, Auckland, 2020

5. Pradeep K. Murukannaiah and Munindar P. Singh. From machine ethics to internet ethics: Broadening the horizon. *IEEE Internet Computing*, 24(3):51–57, 2020

6. Nirav Ajmeri, Hui Guo, Pradeep K. Murukannaiah, and Munindar P. Singh. Robust norm emergence by revealing and reasoning about context: Socially intelligent agents for enhancing privacy. In *Proceedings of the 27th International Joint Conference on Artificial Intelligence*, IJCAI '18, pages 28–34, Stockholm, July 2018

7. Ricard L. Fogues, Pradeep K. Murukannaiah, Jose M. Such, and Munindar P. Singh. Sharing policies in multiuser privacy scenarios: Incorporating context, preferences, and arguments in decision making. *ACM Transactions on Computer-Human Interaction*, 24(1):1–29, March 2017. ISSN 1073-0516. doi: 10.1145/3038920. URL http://doi.acm.org/10.1145/3038920

8. Nirav Ajmeri, Pradeep K. Murukannaiah, Hui Guo, and Munindar P. Singh. Arnor: Modeling social intelligence via norms to engineer privacy-aware personal agents. In *Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems*, AAMAS '17, pages 230–238, São Paulo, Brazil, 2017. URL http://dl.acm.org/citation.cfm?id=3091125.3091163

9. Pradeep K. Murukannaiah and Munindar P. Singh. Platys: An active learning framework for place-aware application development and its evaluation. *ACM Transactions on Software Engineering and Methodology*, 24(3):1–33, May 2015

10. Pradeep K. Murukannaiah and Munindar P. Singh. Xipho: Extending Tropos to engineer context-aware personal agents. In *Proceedings of the 13th International Conference on Autonomous Agents and Multi-Agent Systems*, pages 309–316, Paris, 2014

## (d) Synergistic Activities

1. **Conference service:** PC member for three leading AI conferences (*IJCAI*, *AAAI*, and *AAMAS*).

2. **Tutorials given:** AAMAS 2020, ACSOS 2020, IJCAI 2020, and AAMAS 2021

3. **Workshop organization:** Co-Chair, *Sixth International Workshop on Artificial Intelligence for Requirements Engineering (AIRE)*, 2019.

4. **Project leadership:** Explainable HI Research Line Coordinator, Hybrid Intelligence Project.

5. **Teaching:** Computational Intelligence (Undergraduate), Collaborative Artificial Intelligence (Undergraduate), Artificial Intelligence Techniques (Graduate), Conversational Agents (Graduate).

## (e) Awards and Recognition

1. Best BlueSky Paper Award, AAMAS 2020.

2. Outstanding Dissertation Award, Department of Computer Science, NC State University, 2017.

3. Keynote Speaker, 15th Annual Conference on Privacy, Security, and Trust (PST), 2017.

4. Outstanding Research Award, Department of Computer Science, NC State University, 2016.