Ferdinando Fioretto   Short CV

Department of Electrical Engineering & Computer Science
Syracuse University
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Professional Preparation:

- University of Parma, Italy   Computer Science   B.S.E.   2009
- New Mexico State University, USA   Computer Science   M.S.   2011
- University of Udine, Italy   Computer Science   Ph.D.   2016
- New Mexico State University, USA   Computer Science   Ph.D.   2016

Appointments:

- *Assistant Professor*, Syracuse University, Syracuse, NY   2020 – Current
- Postdoc, Georgia Institute of Technology, Atlanta, GA   2018 – 2019
- Postdoc, University of Michigan, Ann Arbor, MI   2018 – 2020

Five Most Closely Related Products:

1. James Kotary, Ferdinando Fioretto, Pascal Van Hentenryck. "Learning Hard Optimization Problems: A Data Generation Perspective'. NeurIPS 2021.

2. Ferdinando Fioretto, Terrence W.K. Mak, and Pascal Van Hentenryck. "Predicting AC Optimal Power Flows: Combining Deep Learning and Lagrangian Dual Methods". AAAI, 2020.

3. Ferdinando Fioretto and Pascal Van Hentenryck. "Privacy-Preserving Federated Data Sharing". AAMAS, 2019.

4. Ferdinando Fioretto, Enrico Pontelli, and William Yeoh. "Distributed Constraint Optimization Problems and Applications: A Survey". JAIR, 61, pages 623–698, 2018.

5. Ferdinando Fioretto, William Yeoh, and Enrico Pontelli. "A Multiagent System Approach to Scheduling Devices in Smart Homes". AAMAS, 2017.

Synergistic Activities:

- **Selected Awards**: ACP Early CAREER Research Award (2021); NeurIPS Outstanding Reviewer Award (2021); Young Investigator Award, Finalist, ISSNAF (2020); Best Paper Award, IEEE Transaction of Power System (2020); Differentially Private Temporal Map Challenge Award (2020); Best AI Dissertation Award - IA*AI (2017); Most Visionary Workshop Paper Award - AAMAS (2017); Best Student Paper Award - CMSB (2013); Top 5% Graduate student honor's cord - NMSU (2016).

- **Selected Symposium/Workshop/Track Co-Chair**: AAAI Workshop on Privacy Preserving Artificial Intelligence (2020-2022); AAAI Workshop on Machine Learning for Operations Research (2022); Multiagent and Parallel CP track, International Conference on Principles and Practice of Constraint Programming (2018, 2019); International Workshop on Optimization in Multi-Agent Systems (2018-2021); CP cluster, International Symposium of Mathematical Programming (2018).

- **Selected Senior Program Committee Member/Area Chair**: AAAI Conference on Artificial Intelligence (2021-2022); International Conference on Principles and Practice of Constraint Programming (2018, 2019); International Joint Conference on Artificial Intelligence (2021-2022);