

Ferdinando FIORETTO

Assistant Professor

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PROFESSIONAL EXPERIENCE & EDUCATION

Current Jan. 2020	Syracuse University, <i>Electrical Engineering & Computer Science</i> , Syracuse, NY ASSISTANT PROFESSOR
Dec. 2019 Sep. 2018	Georgia Institute of Technology, <i>School of Industrial and System Engineering</i> , Atlanta, GA POST-DOCTORAL RESEARCHER
Dec. 2018 Sep. 2016	University of Michigan, <i>Industrial and Operations Engineering</i> , Ann Arbor, MI RESEARCH FELLOW

SELECTED PUBLICATIONS

IJCAI-22	Ferdinando Fioretto. “ <i>Integrating Machine Learning and Optimization to Boost Decision Making</i> ”. <i>Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI)</i> , 2022. 🔗
AAAI-22	James Kotary, Ferdinando Fioretto, Pascal Van Hentenryck. “ <i>Fast Approximations for Job Shop Scheduling : A Lagrangian Dual Deep Learning Method</i> ”. <i>Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)</i> , 2022. 🔗
NeurIPS-21	James Kotary, Ferdinando Fioretto, Pascal Van Hentenryck. “ <i>Learning Hard Optimization Problems : A Data Generation Perspective</i> ”. <i>Proceedings of the Conference on Neural Information Processing Systems (NeurIPS)</i> , 2021. 🔗
AAMAS	Ferdinando Fioretto, Pascal Van Hentenryck. “ <i>Privacy-Preserving Federated Data Sharing</i> ”. <i>Proceedings of the International Conference on Autonomous Agents and Multiagent Systems (AAMAS)</i> , pages 638–646, 2019. 🔗
AAMAS	Ferdinando Fioretto, William Yeoh, Enrico Pontelli. “ <i>A Multiagent System Approach to Scheduling Devices in Smart Homes</i> ”. <i>Proceedings of the International Conference on Autonomous Agents and Multiagent Systems (AAMAS)</i> , pages 981–989, 2017. 🔗
JAIR	Ferdinando Fioretto, Enrico Pontelli, William Yeoh. “ <i>Distributed Constraint Optimization Problems and Applications : A Survey</i> ”. <i>Journal of Artificial Intelligence Research (JAIR)</i> , 61, pages 623–698, 2018. 🔗

SELECTED HONORS AND AWARDS

2022	Amazon Research Award, Amazon – AWS AI. 🔗 Link
2022	Caspar Bowden PET Award, Privacy Enhancing Technologies (PETs). 🔗 Link
2022	Early Career Spotlight, International Joint Conference on Artificial Intelligence (IJCAI). 🔗 Link
2022	Google Research Scholar Award, Google. 🔗 Link
2022	NSF CAREER Award, National Science Foundation. 🔗 Press
2022	Best Paper Award, IEEE Transaction of Power System. 🔗 Link
2021	Early Career Researcher Award, Association for Constraint Programming. 🔗 Link
2021	Mario Gerla Young Investigator Award for Research in Computer Science, ISSNAF. 🔗 Press
2021	Best Paper Award, IEEE Transaction of Power System. 🔗 Link
2018	Best AI Dissertation Award, AI*IA. 🔗 Press

SELECTED SYNERGISTIC ACTIVITIES

➤ Conference co-chair :	International Conference on Principles and Practice of Constraint Programming (CP)	2022
➤ Workshop co-organizer :		
	Workshop on Optimization and Learning in Multi-Agent Systems, at AAMAS	2018–2022
	Workshop on Privacy Preserving Artificial Intelligence, (at AAAI)	2020–2023
	Algorithmic Fairness through the Lens of Causality and Privacy, (at NeurIPS)	2022
	Workshop on Machine Learning for Operational Research, (at AAAI)	2022
➤ Senior Program Committee/Area Chair :		
	AAAI Conference on Artificial Intelligence (AAAI)	2020 – 2023
	International Joint Conference on Artificial Intelligence (IJCAI)	2021 – 2023