Ferdinando FIORETTO
Assistant Professor

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PROFESSIONAL EXPERIENCE & EDUCATION

Current Jun. 2023	**University of Virginia**, *Computer Science*, Charlottesville, VA ASSISTANT PROFESSOR
Jun. 2023 Jan. 2020	**Syracuse University**, *Electrical Engineering & Computer Science*, Syracuse, NY ASSISTANT PROFESSOR
Dec. 2019 Sep. 2018	**Georgia Institute of Technology**, *School of Industrial and System Engineering*, Atlanta, GA POST-DOCTORAL RESEARCHER
Dec. 2018 Sep. 2016	**University of Michigan**, *Industrial and Operations Engineering*, Ann Arbor, MI RESEARCH FELLOW

MOST CLOSELY RELATED PRODUCTS

1. Jinhao Liang, Jacob K. Christopher, Sven Koenig, **Ferdinando Fioretto**. *"Multi-Agent Path Finding in Continuous Spaces with Projected Diffusion Models"*. **ICML**, 2025.
2. Vincenzo Di Vito, Mostafa Mohammadian, Kyri Baker, **Ferdinando Fioretto**. *"Learning To Solve Differential Equation Constrained Optimization Problems"*. **ICLR**, 2025.
3. Jacob K Christopher, Michael Cardei, Brian R Bartoldson, Bhavya Kailkhura, and **Ferdinando Fioretto**. *"Speculative Diffusion Decoding : Accelerating Language Generation through Diffusion"*. **NAACL**, 2025.
4. Jacob K Christopher, Stephen Baek, and **Ferdinando Fioretto**. *"Constrained Synthesis with Projected Diffusion Models"*. **NeurIPS**, 2024.
5. Sree Nelaturu, Kanna Ravichandran, Cuong Tran, Sara Hooker, and **Ferdinando Fioretto**. *"On The Fairness Impacts of Hardware Selection in Machine Learning"*. **ICML**, 2024.
6. James Kotary, Vincenzo Di Vito, and **Ferdinando Fioretto**. *"Differentiable Model Selection for Ensemble Learning"*. **IJCAI**, 2023.

SELECTED HONORS AND AWARDS

2022	**Caspar Bowden PET Award**, Privacy Enhancing Technologies (PETs). Link
2022	**NSF CAREER Award**, National Science Foundation. Press
2022	**Amazon Research Award**, Amazon – AWS AI. Link
2022	**Google Research Scholar Award**, Google. Link
2022	**Early Career Spotlight**, International Joint Conference on Artificial Intelligence (IJCAI). Link
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** :

Algorithmic Fairness through the Lens of Causality and Privacy, (at NeurIPS)	2022 – 2024
Workshop on Machine Learning for Operational Research, (at AAAI)	2022 – 2024
Workshop on Optimization and Learning in Multi-Agent Systems, at AAMAS	2018–2022
Workshop on Privacy Preserving Artificial Intelligence, (at AAAI)	2020–2025

› **Senior Program Committee/Area Chair** :

AAAI Conference on Artificial Intelligence (AAAI)	2020 – 2024
ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT)	2023 – 2024
Conference on Neural Information Processing Systems (NeurIPS)	2023 – 2024
International Conference on Machine Learning (ICML)	2023 – 2024
International Joint Conference on Artificial Intelligence (IJCAI)	2021 – 2024
European Conference on Machine Learning (ECML)	2023 – 2024