

Ferdinando FIORETTO

Assistant Professor

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PROFESSIONAL EXPERIENCE & EDUCATION

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

MOST CLOSELY RELATED PRODUCTS

1. Jacob K Christopher, Michael Cardei, Brian R Bartoldson, Bhavya Kailkhura, and **Ferdinando Fioretto**. “Speculative Diffusion Decoding : Accelerating Language Generation through Diffusion”. ENLP at **NeurIPS**, 2024.
2. Jacob K Christopher, Stephen Baek, and **Ferdinando Fioretto**. “Constrained Synthesis with Projected Diffusion Models”. **NeurIPS**, 2024.
3. Sree Nelaturu, Kanna Ravichandran, Cuong Tran, Sara Hooker, and **Ferdinando Fioretto**. “On The Fairness Impacts of Hardware Selection in Machine Learning”. **ICML**, 2024.
4. Cuong Tran and **Ferdinando Fioretto**. “Data Minimization at Inference Time”. **NeurIPS**, 2023.
5. Cuong Tran, **Ferdinando Fioretto**, Jung-Eun Kim, Rakshit Naidu. “Pruning has a disparate impact on model accuracy”. **NeurIPS**, 2022.
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