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. Cuong Tran and **Ferdinando Fioretto**. *"Data Minimization at Inference Time"*. **NeurIPS**, 2023. ↗
2. James Kotary, Vincenzo Di Vito, **Ferdinando Fioretto**, Pascal Van Hentenryck. *"SF-PATE : Scalable, Fair, and Private Aggregation of Teacher Ensembles"*. **IJCAI**, 2023. ↗
3. Cuong Tran, **Ferdinando Fioretto**, Jung-Eun Kim, Rakshit Naidu. *"Pruning has a disparate impact on model accuracy"*. **NeurIPS**, 2022. ↗
4. Cuong Tran, My H. Dinh, **Ferdinando Fioretto**. *"Differentially Private Deep Learning under the Fairness Lens"*. **NeurIPS**, 2021. ↗
5. Prakhar Ganesh, Cuong Tran, Reza Shokri, **Ferdinando Fioretto**. *"The Data Minimization principle in Machine Learning"*. **USENIX**, 2024 (under review). ↗
6. My H. Dinh, **Ferdinando Fioretto**. *"Context-Aware Differential Privacy for Language Modeling"*. **ICLR**, 2024 (under review). ↗

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)	2020–2024
Algorithmic Fairness through the Lens of Causality and Privacy, (at NeurIPS)	2022, 2023
Workshop on Machine Learning for Operational Research, (at AAAI)	2022, 2024
> **Senior Program Committee/Area Chair** :	
AAAI Conference on Artificial Intelligence (AAAI)	2020 – 2024
International Joint Conference on Artificial Intelligence (IJCAI)	2021 – 2024
European Conference on Machine Learning (ECML)	2023