

# Seminar



## Exploring Challenges and Opportunities for AI Across Disciplines

**Abstract.** In December 2019, the UofA launched AI4Society as one of its five Signature Areas, conceived to take a holistic approach to the study of AI, including designing new data science, machine learning, and artificial intelligence algorithms, and developing appropriate computational platforms to implement them in real-world use cases, with awareness of the ethical concerns around data collection, and accountable and fair analysis. Since then, AI4Society has seeded a number of interdisciplinary collaborations in a number of areas, such as manufacturing and construction, health, energy and clean technologies, business and finance, and education.

**Biography.** Dr. Eleni Stroulia is a Professor in the Department of Computing Science, at the University of Alberta. From 2011-2016, she held the NSERC/AITF Industrial Research Chair on Service Systems Management, with IBM. Her research focuses on addressing industry-driven problems, adopting AI and machine-learning methods to improve or automate tasks. Her flagship project in the area of health care is the Smart Condo in which she investigates the use of technology to support people with chronic conditions live independently longer and to educate health-science students to provide better care for these clients. In 2011, the Smart-Condo team received the UofA Teaching Unit Award. She has played leadership roles in the GRAND and AGE-WELL Networks of Centres of Excellence. In 2018 she received a McCalla professorship, and in 2019 she was recognized with a Killam Award for Excellence in Mentoring. She has supervised more than 60 graduate students and PhDs, who have gone forward to stellar academic and industrial careers. Since 2020, she is the Director of the University of Alberta's AI4Society Signature Area. Since 2021, she is serving as the Acting Vice Dean of the Faculty of Science.



**Dr. Eleni Stroulia**

Professor

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Friday Feb 24, 2023  
Time: 2:00 - 3:00pm

**Microsoft Teams**

[Click here to join the meeting](#)

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