

“Information Technology Outlook” Seminars – PhD Programme in Computer Science and Mathematics

SEMINAR ANNOUNCEMENT



Ayse Basar Bener

Ryerson University, Toronto Canada

Thursday Dec 12th 2019

10:00 am

Sala Consiglio, 7° floor

Capabilities of AI, Machine Learning, and Data to Change and Shape Our Future

This talk is a general overview and discussion about AI and machine learning as enabling and disruptive technologies. We talk about the impact on the society in general and also discuss potential pitfalls and algorithm independent issues in building machine learning models. The talk ends with recent developments on explainable and adversarial AI to build and interpret machine learning in an ethical and responsible manner.

Short bio. Dr. Ayse Basar is a professor and the director of Data Science Laboratory (DSL) in the Faculty of Engineering, Ryerson University. She is the director of Big Data in the Office of Provost and Vice President Academic at Ryerson University. She is also the Program Director of both Certificate Program in Data Analytics, Big Data, and Predictive Analytics, and the Master of Science Program in Data Science and Analytics at Ryerson University. She is a faculty research fellow of IBM Toronto Labs Centre for Advance Studies, and affiliate research scientist in St. Michael’s Hospital in Toronto. Her current research focus is applications to tackle the problem of decision-making under uncertainty by using Bayesian machine learning methods to analyze complex structures in data to build recommender systems and predictive models. She is a member of AAI, INFORMS, AIS, a senior member of IEEE, and a board member of IEEE Computer Society Publications and representative of the International Software Engineering Research Network (ISERN).