Distinguished Lecture Series

Yelena Yesha, PhD
Director, AI + Machine Learning
IDSC Innovation Officer and Head
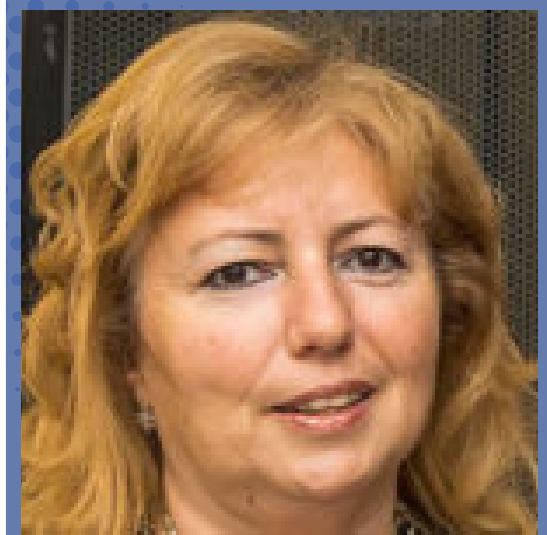**International Relations Knight Foundation**
Endowed Chair of Data Science and
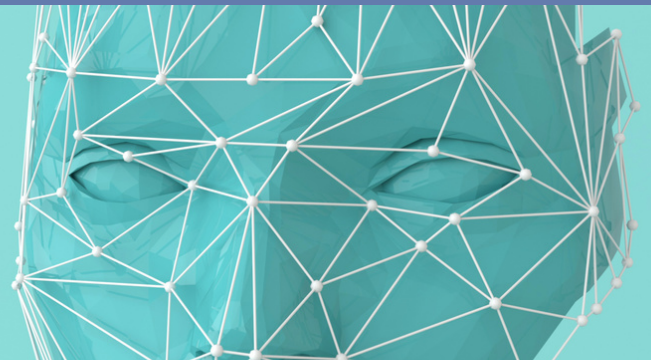**AI Founding Director, NSF CARTA**
Professor Dept. of Computer Science
Professor Dept. of Radiology

Yesha is a world renowned leader in the area of Data Sciences. For her contribution to the subject she was awarded 2020. The District of Columbia Council of Engineering and Architectural Societies Lifetime Achievement Award 2019. Cybersecurity Association of Maryland, Inc. Cyber Warrior Woman of the Year Award. 2011. IBM Faculty Fellow of he Year award.

Monday,
Nov. 13, 2023
at 5:00 pm
Ungar Building,
Room 528

Bridging the Gap: From AI/ML Concepts to Operational Platforms

Navigating the transition from AI/ML theory to real-world application is a formidable task within the swiftly evolving AI landscape. This presentation underscores the imperative of establishing practical AI and ML principles testing platforms and confronts the associated challenges. The transition from conceptual understanding to real-world implementation presents a formidable challenge in the rapidly evolving landscape of artificial intelligence and machine learning. This talk explores the critical need to establish operational platforms for practically testing AI and ML principles while addressing the myriad challenges that arise during this journey. We will delve into the foundational concepts that underpin AI/ML systems and emphasize the importance of translating these theories into tangible, operational platforms. By doing so, we can uncover the complexities and nuances that often elude theoretical discussions, making way for practical solutions that drive innovation and transformation. We will present a first-of-its-kind platform to highlight the key principles, strategies, and methodologies required to navigate these challenges effectively to create fully functional operational platforms that empower organizations to turn their AI and ML visions into reality, driving meaningful impact and progress in the field. Attendees will gain insights into the transition from theoretical AI/ML concepts to fully operational platforms, discovering the methodologies and best practices that empower organizations to actualize their AI and ML ambitions, thereby catalyzing tangible advancements in the field.

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