

Distinguished Lecture Series

Yelena Yesha, PhD

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IDSC Innovation Officer and Head

International Relations Knight Foundation

Endowed Chair of Data Science and

AI Founding Director, NSF CARTA

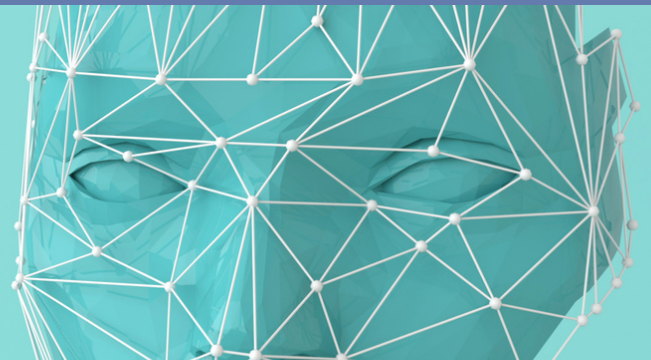
Professor Dept. of Computer Science

Professor Dept. of Radiology

Yesha is a world-renowned leader in the area of Data Science. For her contribution to the subject she has received several awards. 2020: The District of Columbia Council of Engineering and Architectural Societies Lifetime Achievement Award. In 2019: Cybersecurity Association of Maryland, Inc. Cyber Warrior Woman of the Year Award. In 2011: IBM Faculty Fellow of the 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 an arduous task within the swiftly evolving AI landscape. This presentation emphasizes the imperative of establishing practical AI and ML principles, testing platforms, and confronting the associated challenges. The transition from conceptual understanding to real-world implementation presents many opportunities in the rapidly evolving landscape of data science. This talk explores the creation of operational platforms for practically testing AI and ML principles, while addressing the myriad of challenges that arise during this process. 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 effectively create 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 best practices that empower organizations to actualize tangible advancements in the field.



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