

Queen's University School of Medicine presents The 8th Annual Dr. Andrew and Margaret Bruce Visiting Scholar in Surgical Innovation

The Departments of Surgery and Urology welcomes you
to a free public lecture to see the "Future of Healthcare"



Queen's
UNIVERSITY

Free Public Lecture

Wednesday, April 19, 2023

4:30-5:30pm (doors open at 4:00pm)*

Queen's University

School of Medicine Building - Britton Smith Lecture Theatre

15 Arch St. [Click Here](#) to Register on Zoom *Please note that this lecture will be recorded

"What you get is what you don't see: Advances in Augmented Reality"

Amazing New Technologies that will Transform Healthcare

Dr. Nassir Navab

Chair for Computer Aided Medical Procedures & Augmented
Reality From T. University of Munich and Johns Hopkins
University

LECTURE INFORMATION

As humans, we rely on our senses to perceive and interact with the world around us. In this lecture, Dr. Navab will explain Artificial Intelligence (AI), which is essentially computers automatically analyzing information and helping to make decisions based on the questions being asked. He will also discuss a new technology called Augmented Reality (AR). It's already being used to help kids learn. Now imagine a physician having a variety of images of say your brain, and the device puts it all together and lets the physician see what's going on in a unique way. Then, AI starts to work and come up with ideas of what's going on in the brain or any other tissue in the body and what best approaches to treatment could be considered.

Combined with AI, the physician will have new ideas and a better understanding of how to best approach the patient's needs. The outcome for the patient will be faster, more accurate diagnosis and treatment. This unique device helps you and your physician in better understanding your problems and coming up with personalized solutions that meet your needs.

It might all sound very technical, but that's why listening to an expert like Dr. Navab will leave you excited about where these technologies can take us. Plus, you'll never get a better chance to ask the expert.

Dr. Navab is this year's Bruce Visiting Scholar in Robotic Imaging, Machine Learning and Augmented Reality for Computer Assisted Interventions.

* All are welcome

* No fee

* Space is limited; doors will close when at capacity

* Refreshments Available



The Dr. Andrew and Margaret Bruce Endowment for Visiting Scholars in Surgical Innovation

Established by Dr. Andrew and Margaret Bruce, the endowment will be used to support hosting of prominent scholars at Queen's University. It is the goal and objective of this endowment that the visiting scholar will bring special expertise in the area of surgical scholarship, will introduce new research and ideas, will teach new methodologies to Queen's medical scientists and clinicians and provide new concepts to the students.