

# I-SENSE Seminar Series

**FAU**  
I-SENSE  
Division of Research  
Florida Atlantic University



## TOPIC

### Theory of Optimal Sensing with Examples in Fast High-Precision Tomography

In tomography, three-dimensional (3D) images are reconstructed from a collection of two-dimensional (2D) projections. Therefore, this problem is inherently ill-posed, and the uniqueness of the solution is always under question. To improve the confidence and quality of reconstructed images, we prefer to increase the number of recorded projections with minimum redundancy in their information content.

## SPEAKER

**Ramin Pashaie, Ph.D.**

Professor, Electrical and Computer Engineering  
Department, College of Engineering and Computer  
Science, Florida Atlantic University

**Wednesday, Sept. 20**

Noon – 1 p.m.

Engineering East Building,  
EE 303, Boca Raton Campus  
and on Zoom

*Unable to join in person? [Click here to view on Zoom.](#)*

*For more information, please contact Ji Young Bae at [baej@fau.edu](mailto:baej@fau.edu) or (561)-297-0145*