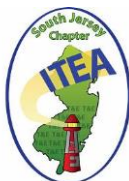


The Southern New Jersey Professional Societies



Presents:

"Deep Learning vs. Bayesian Reasoning Which is the answer to Artificial Intelligence?"

**Dr. Nidhal Bouaynaya, Dept. of Electrical and
Computer Engineering, Rowan University**



Deep learning has resulted in the state-of-the-art accuracy in object detection and recognition, which are fundamental tasks for any artificial intelligence system. However, for higher-level inference tasks and uncertainty quantification, Bayesian models and probabilistic reasoning are still more powerful. This talk will provide a survey of both approaches with an application to MRI brain imaging. We will also attempt to show that integrated intelligence can be achieved by integrating deep learning and Bayesian reasoning within a unified framework of object recognition and task interpretation.

Wednesday, September 20, 2017

Location: Blue Heron Pines Golf Club

550 Country Club Dr, Egg Harbor City, NJ 08215

(609) 965-1800 Check their website for directions: www.blueheronpines.com

TIME: Social Time: **6:00 PM** Dinner: **6:30 PM** Speaker Approx: **7:45 PM**

MENU: Buffet style dinner

COST: \$19 AIAA/IEEE/INCOSE Members, \$23 ITEA/NSBE/HFES/Guests, \$15 Students

Reservations due by noon Tuesday, September 19th

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