Western
Biomedical Imaging Research Centre

October 25th, 2018; 1:00 - 1:45 pm
Pizza will be served

Dr. Flemming Littrup Andersen, PhD
Rigshospitalet, University of Copenhagen, Denmark

Dr. Claes Noehr Ladefoged, PhD
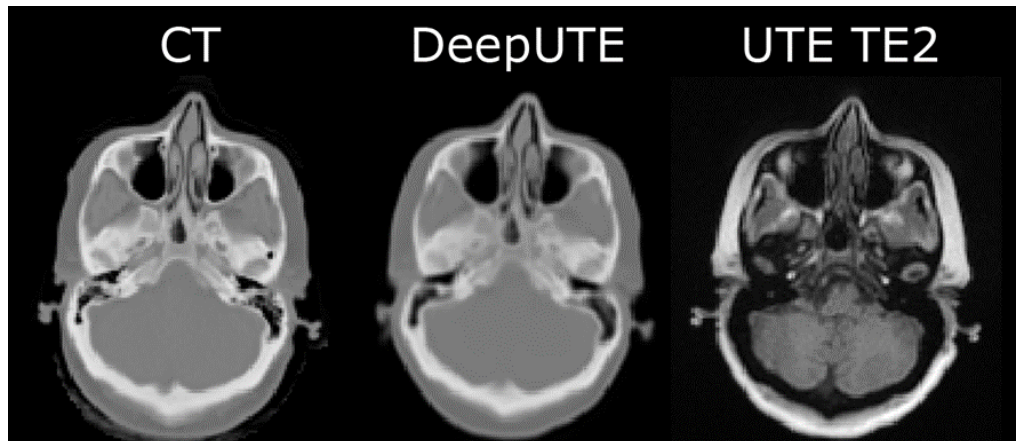Rigshospitalet, University of Copenhagen, Denmark

Title: Applications of Artificial Intelligence for Imaging

**Rooms 1 & 2
(E1-126 & E1-128)
St. Joseph's Hospital**

The BIRC Seminar Series is sponsored by BIRC

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Abstract: Recently, Artificial Intelligence (AI) has shown promising results in solving complex problems, especially related to vision tasks when using deep-learning techniques such as convolutional neural networks (CNN). We will give a short introduction to AI and CNN and demonstrate how deep-learning can be used in medical imaging in a clinically applied setting in areas such as noise reduction, low-dose PET, pseudoCT as used for MR based attenuation correction or even aiding diagnosis or risk stratification.

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