INVITATION TO THE LECTURE SERIES
ARTIFICIAL INTELLIGENCE

Time: Tuesday November 12, 2019, 14:00 h
Place: Lecture Hall 1 (HS 1)

Dr. Hrvoje Bogunovic
Department of Ophthalmology and Optometry
Medical University of Vienna

Deep Learning for Ophthalmology

Ophthalmology is at the forefront of deep learning applications in medicine due to the ability to image the retina quickly and non-invasively. Deep learning recently enabled a first of its kind FDA approved fully autonomous diagnostic system and the field is attracting deep learning giants like Google, DeepMind and Baidu. I will show how deep learning is used for quantification of imaging biomarkers, automated diagnosis and progression prediction of prominent retinal diseases, the leading causes of blindness today.

Hosts: Dr. Johannes Kofler  
Institute for Machine Learning 

Dr. Günter Klambauer  
Institute for Machine Learning & LIT AI Lab