

# INVITATION TO THE LECTURE SERIES ARTIFICIAL INTELLIGENCE



**Time: Tuesday November 12, 2019, 14:00 h**

**Place: Lecture Hall 1 (HS 1)**

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**Dr. Hrvoje Bogunovic**

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## ***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