

# **Machine learning workshop: bringing Artificial Intelligence to biomedicine**

**Wednesday June 26, 2019  
CHARGE Investigator Meeting, St. Louis MO  
Agenda**

- 12:00 – 12:10 – Opening
- 12:10 – 1:00 – lecture “Introduction to Machine learning and Deep Learning algorithms”
- 1:00 – 1:30 – lecture “Machine learning and Deep learning in omics field ”
- 1:30 – 2:00 – lecture “Visible Machine Learning: black box vs interpretability”
- 2:00 – 2:20 – Coffee Break
- 2:20 – 3:00 – Slot for selected presentations related to ML and DL
- 3:00 – 4:00 – practical session “Application of ML/DL for omics” (bring your laptop)
- 4:00 – 4:30 – brainstorm session “CHARGE consortium: new analytical opportunities and methodological barriers” (Chairs: Joshua Bis, Bruce Patsy, Eric Boerwinkle)

There is a slot reserved during the workshop for presentation (max 10 min) of research related to machine learning and deep learning. If you want to present your work during the workshop you can submit the abstract in this form.

<https://forms.gle/2rgEmFgsqNzuwXfg9>

**The DEADLINE FOR SUBMISSION June 10th (12 AM CET)**