



### AI & Machine Learning for Digital Pathology - From Biobanks to Knowledge Banks

AI is an emerging technology that is finding its way also into pathology and biobanking. In this free symposium experts from the fields of AI and machine Learning, pathology, and biobanking provide interesting insights into this topic ranging from current challenges, latest developments and future impact.

Date/Time: June 6, 2019, 10:00-16:00

Venue: Medical University Graz New Med Campus, Neue Stiftingtalstrasse 2, Graz; Hörsaal MC 5 (MC 1.A.EG.021)

Participation is free, pre-registration via e-Mail to: [penelope.kungl@medunigraz.at](mailto:penelope.kungl@medunigraz.at)

#### Session Morning (10:00 – 12:00)

- Peter REGITNIG (Med Uni Graz): Expectations and Challenges of AI in Pathology
- Klaus-Robert MÜLLER (TU Berlin): Explainable AI meets Digital Pathology
- Karine SARGSYAN (Biobank Graz): Biobanks as Basis Infrastructure for AI in Medicine
- Peter HUFNAGL (Charité, Berlin) : EMPAIA -Ecosystem for Pathology Diagnostics with AI Assistance
- George DAGHER (INSERM, Paris): Science and Society: The Future of European RI

#### Session Afternoon (13:00 – 15:00)

- Michael HUMMEL (Charité, Berlin): High-quality Biobanks are Enablers for Meaningful AI-based results
- Craig MERMEL (Google AI, Mountain View): Supervised & Unsupervised Machine Learning in Pathology
- Markus PASTERK (ADSI, Innsbruck): Management Training for Leaders of Biobanks
- Richard RÖTTGER (South Denmark University, Odense): Privacy Preserving Federated Machine Learning
- Petr HOLUB (BBMRI-ERIC, Graz): Building and using large-scale Data Resources for AI as a part of a European medical Research Infrastructure (RI)

[Details >](#)



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