



EBRAINS
Lithuania



EBRAINS
Switzerland



EBRAINS
France



Research
Council of
Lithuania



LITHUANIAN UNIVERSITY
OF HEALTH SCIENCES



LITHUANIAN UNIVERSITY
OF HEALTH SCIENCES
NEUROSCIENCE
INSTITUTE



HOSPITAL OF LITHUANIAN
UNIVERSITY OF HEALTH SCIENCES
**KAUNO
KLINIKOS**



VYTAUTAS
MAGNUS
UNIVERSITY
MCMXXII



Centre hospitalier
universitaire vaudois



The Future of Brain Medicine: AI, Digital Brain Twins and Neurotechnology

in Neurology, Neurosurgery, Psychiatry, Neurorehabilitation

11th EBRAINS Baltic-Nordic School and Symposium on Neuroscience and Artificial Intelligence

Lithuanian University of Health Sciences
Kaunas, Lithuania
19-20 October 2026

General Chair:

Viktor Jirsa (Aix-Marseille Université, France; EBRAINS Chief Science Officer)

Program Committee:

Damien Depannemaecker (Aix-Marseille Université, EBRAINS France)

Schaffhauser Birgit (University Hospital of Lausanne, EBRAINS Switzerland)

Ausra Saudargiene (Lithuanian University of Health Sciences, Kaunas, Lithuania)

Local Organizers:

Ausra Saudargiene (Lithuanian University of Health Sciences; Vytautas Magnus University;
EBRAINS Lithuania)

Kęstutis Petrikonis (Lithuanian University of Health Sciences; Lithuanian Society of
Neurologists; EBRAINS Lithuania)

Tomas Lapinskas (Hospital of Lithuanian University of Health Sciences kauno klinikos, Kaunas,
EBRAINS Lithuania)

Vaidotas Marozas (Institute of Bioengineering, Kaunas University of Technology,
EBRAINS Lithuania)

Saulius Šatkauskas (Vytautas Magnus University, Kaunas, EBRAINS Lithuania)

Vytautas Kučinskis (Lithuanian University of Health Sciences, Kaunas, Lithuania)



EBRAINS
Lithuania



EBRAINS
Switzerland



EBRAINS
France



Research
Council of
Lithuania

19th October 2026

Lithuanian University of Health Sciences, Eiveniu str 4, Kaunas, Lithuania

Workshop on EBRAINS, AI & Neuroethics

12.30 – 13.30	Registration	
13.30 – 15.30	Early Career Talks Selected from the Participants (15 min from PhD students and Post-Docs)	
15.30 – 16.00	Coffee Break	
16.00 – 17.00	Hands on The Virtual Brain and AI Foundation Models	
	<i>How AI Foundation Model looks like</i> Oliver Y. Chén (University Hospital of Lausanne, CHUV, EBRAINS Switzerland)	<i>How a Virtual Brain Twin looks like</i> Damien Depannemaecker (Aix-Marseille University, EBRAINS France)
17.00 – 17.30	Coffee Break	
17.30 – 18:00	Neuroethics Inga Ulnikane (Leverhulme Centre for the Future of Intelligence, University of Cambridge, UK)	
18.00 – 19:00	Panel Discussion	



EBRAINS

EBRAINS
LithuaniaEBRAINS
SwitzerlandEBRAINS
FranceResearch
Council of
Lithuania

20th October 2026

Lithuanian University of Health Sciences LSMU, Eiveniu str 4, Kaunas, Lithuania

Symposium on EBRAINS, AI & Neuroethics

11.00 – 12.00	Registration
12.00 – 12.15	Opening and Welcome Daiva Rastenyte (Chancellor of Medical Academy, LSMU, EBRAINS Lithuania) Arimantas Tamašauskas (Director of Neuroscience Institute, LSMU, EBRAINS Lithuania)
12.15 – 14.00	EBRAINS in Advancing Neurotechnology for Precision Medicine
12.15 – 13.00	<i>Digital Twins in Clinical Neuroscience</i> Damien Depannemaecker (Aix-Marseille University, EBRAINS France)
13.00 – 14.00	<i>A Federated Stroke Digital Twin in Healthcare for Europe: Integrating Brain-Heart Physiology, Clinical Trajectories, and Societal Impact</i> Prof. Philippe Bijlenga (Geneva University Hospitals (HUG) & University of Geneva, EBRAINS Switzerland)
14.00 – 14.30	Coffee break/Lunch
14.30 – 15.30	<i>Predicting Brain Diseases Using Machine Learning and Artificial Intelligence</i> Oliver Y. Chén (University Hospital of Lausanne, CHUV, EBRAINS Switzerland)
15.30 – 16.00	<i>Secure Data Processing and AI Development in Federated and Centralized Trusted Research Environments</i> Schaffhauser Birgit (Department of Clinical Neuroscience, University Hospital of Lausanne, CHUV, EBRAINS Switzerland)
16.00 – 16.30	Coffee break
16.30 – 17.00	Clinical Neuroscience: Artificial Intelligence for Brain & Heart Health
16.30 – 17.00	<i>Functional Neuromodulation in Neurosurgery and Neurology</i> Andrius Radžiūnas (Department of Neurosurgery, LSMU, EBRAINS Lithuania)
17.00 – 17.30	<i>Pain, sleep and neurorehabilitation</i> Kęstutis Petrikonis (Department of Neurology, LSMU, EBRAINS Lithuania)
17.30 – 18.00	<i>Personalization and prediction in the auricular vagus nerve stimulation</i> Eugenijus Kaniusas (Institute of Biomedical Electronics, Vienna University of Technology, Austria) TBC
18.00 – 18.30	<i>Wearable Devices: What they Tell About Your Brain and Heart</i> Vaidotas Marozas (Kaunas University of Technology , EBRAINS Lithuania)
18.30 – 19.00	Coffee break
19.00 – 20.00	Panel Discussion <i>The Virtual Clinic: Promise, Risk, and Ethics in AI-Driven Medicine</i> Philippe Bijlenga, Damien Depannemaecker, Schaffhauser Birgit, Oliver Y. Chén, Vaidotas Marozas, Kęstutis Petrikonis, Andrius Radžiūnas
20.00 – 22.00	Social Program