



BrainTwin 3rd Summer School

AGENDA

Date

3-7.07, 2023

Venue

Online (all times Romanian local time: EEST, UTC +3)

<https://teams.microsoft.com/l/meetup-join/19:bdf71b3c2bee4762b431b0c8814a6d8e@thread.tacv2/1688197528274?context=%7B%22id%22:%22b03aeaf4-501f-4e57-adbf-4867a08aa847%22,%22oid%22:%22c58df59b-4cdc-4131-b27f-706ad57cdda7%22%7D>

Day 1: Monday, 03.07.2023

11:45 EEST	Log in
11:45-12:00 EEST	<i>Welcoming address and BrainTwin project presentation</i> Nicolae LUCANU , Project Manager, TUIASI, Romania
12:00-13:00 EEST	Oscar Herreras "Electrogenesis of intracranial field potentials: a very useful epiphenomenon with many uncertainties" Instituto Cajal CSIC
15:00-16:00 EEST	Maria Chait the Auditory System as the Brain's Early Warning System, UCL
16:00-17:00 EEST	Christoph Eyberg "Sampling-based Inverse Reinforcement Learning Algorithms with Safety Constraints" Fraunhofer IPA



Day 2: Tuesday, 04.07.2023

15:55 EEST	Log in
16:00-17:00 EEST	Lennart Karstensen "Recurrent Neural Networks for Autonomous Endovascular Guidewire Navigation in the Aortic Arch" Fraunhofer IPA
17:00-18:00 EEST	Yaneri Aguilar "From sensation to perception and action: neural activity in the auditory cortices" Neurosurgery Department University of Iowa

Day 3: Wednesday, 05.07.2023

10:55 EEST	Log in
11:00-12:00 EEST	Elisabeth Abs "Investigating Neural Circuit Functions" ETH Zürich
12:00-13:00 EEST	Deniz Baskent "Choclear implants" UMCG, University of Groningen

Day 4: Thursday, 06.07.2023

14:55 EEST	Log in
10:00-11:00 EEST	Santiago Canals "Functional MRI of brain circuits" Instituto de Neurociencias de Alicante CSIC
11:00-12:00 EEST	Armin Schäfer "BEC guidoo – A Novel Robotic Assistant for Fast, Precise Needle Placement" Fraunhofer IPA
16:00-17:00 EEST	Srivatsun Sadagopan "Auditory cortical computations for robust vocalization recognition" University of Pittsburgh
17:00-18:00 EEST	Ryzard Auzstulewicz "Predictive hearing: evidence from neuroimaging, electrophysiology, and modelling" Free University



This project has received funding from the European Union's Horizon 2020 programme for coordination and support action under grant agreement No 952378.

Day 5: Friday, 07.07.2023

09:55 EEST	Log in
11:00-12:00 EEST	Elisa Donati "Neuromorphic Engineering for bioelectronic medicine" ETH Zürich
12:00-13:00 EEST	Adam Hockley "Central auditory coding in hidden hearing loss" Insituto de Neurociencias de Castilla y León USAL
17:00-18:00 EEST	Douglas Oliver "Developing an electrophysiological test for tinnitus" Neuroscience UConn Health
18:00-18:30 EEST	<i>Closing Session</i> Nicolae LUCANU , Project Manager, TUIASI, Romania



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