



BrainTwin 1st Summer School

AGENDA

Date

19-23.07, 2021

Venue

Online

Day 1: Monday, 19.07.2021

<https://teams.microsoft.com/l/meetup-join/19:5V7MO76PcDRUje2UD5osb7ovgW3vKboEsKhik30uC8A1@thread.tacv2/1626326984630?context=%7B%22Tid%22:%22b03aeaf4-501f-4e57-adbf-4867a08aa847%22,%22Oid%22:%22c58df59b-4cdc-4131-b27f-706ad57cdda7%22%7D>

16:00-16:05	Log in
16:05-16:30	Welcoming address and BrainTwin project presentation Nicolae LUCANU , <i>Project Manager, TUIASI, Romania</i>
16:30-17:30	Cooperation between Engineers and Neurologists – Romeo CIOBANU , <i>Professor, TUIASI, Romania</i>
17:30-18:30	Neurodegenerative Disorders, a Clinical Approach – José Carlos GÓMEZ , <i>Adjunct Neurologist, Salamanca Hospital; Associate Professor, University of Salamanca, Spain</i>



Day 2: Tuesday, 20.07.2021

<https://teams.microsoft.com/l/meetup-join/19:5V7MO76PcDRUje2UD5osb7ovgW3vKboEsKhik30uC8A1@thread.tacv2/1626327044345?context=%7B%22Tid%22:%22b03aeaf4-501f-4e57-adbf-4867a08aa847%22,%22Oid%22:%22c58df59b-4cdc-4131-b27f-706ad57cdda7%22%7D>

10:00-10:05	Log in
10:05-11:00	Designing and Testing Neuroprostheses for Different Medical Applications – Marian POBORONIUC, Professor, TUIASI, Romania
11:00-12:00	Investigating Neural Circuit Functions – Elisabeth ABS, Ph. D., Institute of Neuroinformatics, ETH Zurich, Switzerland
12:00-13:00	Topics in Eye Tracking Algorithms – Radu BOZOMITU, Professor, TUIASI, Romania

Day 3: Wednesday, 21.07.2021

<https://teams.microsoft.com/l/meetup-join/19:5V7MO76PcDRUje2UD5osb7ovgW3vKboEsKhik30uC8A1@thread.tacv2/1626326867194?context=%7B%22Tid%22:%22b03aeaf4-501f-4e57-adbf-4867a08aa847%22,%22Oid%22:%22c58df59b-4cdc-4131-b27f-706ad57cdda7%22%7D>

10:00-10:05	Log in
10:05-11:00	IMAGO-MOL Cluster collaborative projects: matchmaking health and technology – Carmen MIHAI, Cluster Manager, IMAGO-MOL Cluster, Romania
11:00-12:00	Experimental MRI Applied to Preclinical Research in Neuroscience – Guadalupe SORIA, Assistant Professor, University of Barcelona, Spain
12:00-13:00	Processing of Magnetic Resonance Imaging – Emma MUÑOZ-MORENO, Senior Researcher, Institut d'Investigacions Biomèdiques August Pi I Sunyer (IDIBAPS), Barcelona, Spain



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Day 4: Thursday, 22.07.2021

<https://teams.microsoft.com/l/meetup-join/19:5V7MO76PcDRUje2UD5osb7ovgW3vKboEsKhik30uC8A1@thread.tacy2/1626327141986?context=%7B%22Tid%22:%22b03aeaf4-501f-4e57-adbf-4867a08aa847%22,%22Oid%22:%22c58df59b-4cdc-4131-b27f-706ad57cdda7%22%7D>

10:25-10:30	Log in
10:30-11:00	Development of a Device for Tissue Dissociation – Stefan SCHEUERMANN , <i>Fraunhofer PAMB, Germany</i>
11:00-12:00	Boost The Success of Research Results with Knowledge Transfer, Technology Transfer and Networking – Iuliana NICHERSU , <i>Project Manager, Steinbeis-Europa-Zentrum, Germany</i>
12:00-13:00	Sound of Vision: Sensory Substitution for the Blind – Simona CARAIMAN , <i>Professor, TUIASI, Romania</i>

Day 5: Friday, 23.07.2021

<https://teams.microsoft.com/l/meetup-join/19:5V7MO76PcDRUje2UD5osb7ovgW3vKboEsKhik30uC8A1@thread.tacy2/1626327230093?context=%7B%22Tid%22:%22b03aeaf4-501f-4e57-adbf-4867a08aa847%22,%22Oid%22:%22c58df59b-4cdc-4131-b27f-706ad57cdda7%22%7D>

10:00-10:05	Log in
10:05-11:00	Deep Learning Applications in Medical Image Analysis. A Closer Look into Covid-19 Diagnosis – Mihaela BREABĂN , <i>Professor, Faculty of Computer Sciences, UAIC, scientific director of SenticLab</i>
11:00-12:00	Applications of AI in the Analysis of Brain Tissue – José Luis LANCIEGO , <i>Professor, Center for Applied Medical Research - University of Navarra, Spain</i>
12:00-12:30	Closing Session Nicolae LUCANU , <i>Project Manager, TUIASI, Romania</i>

