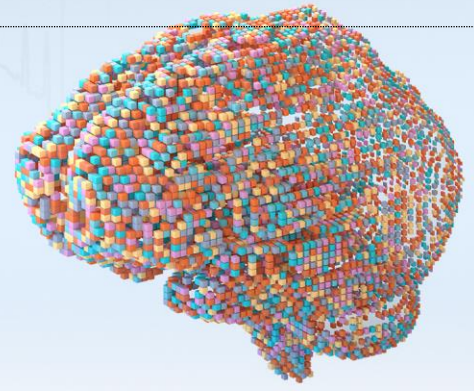


THE 1<sup>ST</sup> SUMMIT  
COMING UP  
THIS JULY  
İSTANBUL-TÜRKİYE

MIDDLE-EAST (ME) +  
**BRAIN**  
INITIATIVE

01-03 July 2022

Venue: Üsküdar University / NP Dental and Health Campus



ÜSKÜDAR  
UNIVERSITY



NP İSTANBUL  
Brain Hospital  
Neuropsychiatry | Addiction | Neurosurgery

## ME+ Brain Initiative Summit

July 1-3, 2022, Uskudar University, Istanbul

*Venue: NP Dentistry & Health Campus*

**Objective:** To create a regional consortium on brain, spine and mental health addressing neurological disorders in the Middle East & Balkans under the banner of SBMT called; MIDDLE EAST (ME) + Brain Initiative

**Topics:** Neurosurgery, Neurology, Neuroradiology, Psychiatry, Neurotechnology, Neuroengineering, and related policies.

### DAY 1

08:00 Hotel Pick-up\*

09:00 – 09:45 **Nevzat Tarhan & Babak Kateb**

*Honorary Doctorate Degree Ceremony & Opening Speech*

**Turkish Brain Initiative – Chair: Nesrin Dilbaz & Bahar Güntekin**

(1)

09:45 - 10:00 **Nesrin Dilbaz / Uskudar University**

*Deep TMS and Addiction*

10:00 – 10:15 **Akın Akakın / Bahcesehir University**

*Deep TMS Applications*

10:15 – 10:30 **Bahar Güntekin / Medipol University**

*EEG Event-Related Oscillations in Dementia*

10:30 – 10:45 **Kemal Arıkan / Uskudar University**

*Predictive Value of EEG in Manic Shift due to the Antidepressant Medications*

10:45 – 11:00 **Bariş Metin / Uskudar University**

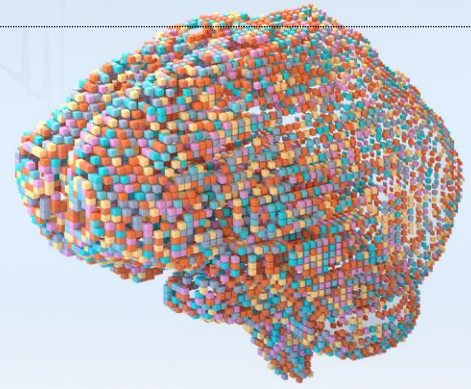
*Deep Learning Approach to Classify Bipolar Disorder Subjects*

11:00 – 11:10 **Q & A**

**11:10 – 11:30 Break**

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**11:30 – 11:45 Keynote Speaker - Christoph Glaser**

**Iranian Brain Initiative – Chair: Mohammad Nami**

(2)

**11:45 - 12:00 Mohammad Nami / Harvard Alumni for Mental Health – Middle East Ambassador**

*Bridging the Divide in the “Neuron-to-Society” Continuum through Transdisciplinary Brain Mapping and Therapeutic Approaches.*

**12:00 – 12:15 Jalal Jalal Shokouhi / Iranian Society of Radiology**

*Neurotrauma Imaging*

**12:15 – 12:30 Maryam Noroozian / Tehran University of Medical Sciences**

*Dementia and Cognitive Disorders in the Middle East: Threats and Solutions*

**12:30 – 12:45 Sajad Sahab Negah / Mashhad University Medical Sciences**

*Stem cells versus exosomes in the course of traumatic brain injury*

**12:45 – 13:00 Mojtaba Barzegar / CEO and founder of IQBMI LLC**

*The role of advanced Neuroimaging techniques in brain mapping*

**13:00 – 13:10 Q & A**

**13:10 - 14:30 Lunch – (NP Dentistry & Health Campus)**

**14:30 – 14:45 Keynote Speaker - Babak Kateb**

**Egyptian Brain Initiative – Chair: Mohamed Fahmy Zeid**

(3)

**14:45 - 15:00 Mohamed Ahmed Fahmy Zeid / Alexandria University**

*A new suction, irrigation & dissecting microsurgical forceps with bipolar coagulation capabilities*

**15:00 – 15:15 Ebtesam Abdalla / Alexandria University**

*Unraveling the molecular basis of neurodevelopmental disorders in Egypt*

**15:15 – 15:30 Jaidaa Mekky / Alexandria University**

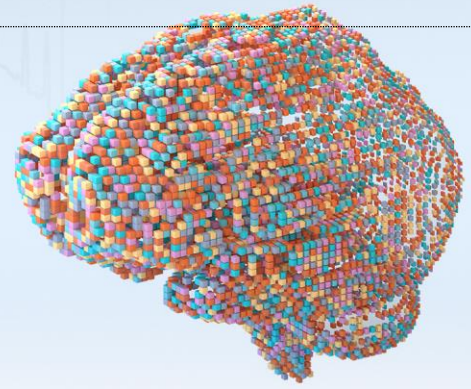
*Establishing a sleep disorders unit: Challenging and requirements*

**15:30 – 15:40 Q & A**

**15:40 - 16:00 Break**

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**16:00 – 16:20 Keynote Speaker - Rialda Kovacevic (Virtual)**

**International Brain Initiative – Panel Discussion on N20 Chair: Babak Kateb - Asra Fauzi**

**(4)**

Vicky Yamamoto / USA  
Asra Al Fauzi / Indonesia

Swati Jain /UK  
Joni Wahyuhadi / Indonesia

Giuseppe Emmanuele Umana / Italy

**17:35 – 17:45 Q & A**

**17:45 - 18:00 Break**

**18:00 – 19:00 – NP Istanbul Brain Hospital & Faculty of Medicine Tour**

**19:00 – 20:00 – Back to the rooms / Refreshment**

**20:00 – 21:30 Networking Dinner – (NP Dentistry & Health Campus)**

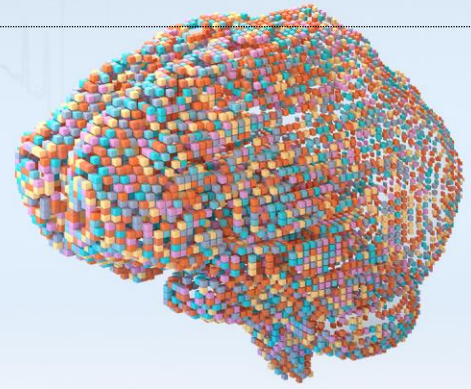
**22:30** Hotel Drop-off \*

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**DAY 2**

**08:00** Hotel Pick-up \*

**08:40 – 09:40** **Neurotech**

**Chairs (Swati & Gao & Kateb)**

Swati  
Giuseppe Umana  
Elvan Çiftci  
Ihab Elaff

- Validation of Mixed reality for use in neurosurgery
- Updates in Mixed reality neurosurgery
- Precision Medicine: AI in Neuromodulation
- tDCS Device Design & Implementation

**09:40 – 10:00 Discussion & Break**

**10:00 – 11:00** **Neuropsychiatry**

**Chair (Barış Metin)**

Hojjat Azadbakht  
Zahra Amjadi Goojgi  
Baris Metin  
Brihastami Sawitri

- From Reseach to Clinic: Translating the state-of-the art in AI for the diagnosis and management of neurological conditions
- Cognitive Impairments & Brain Imaging Findings in elderly patients with MDD
- Structural Brain Alterations in Bipolar Disorder
- Neuroplasticity and Psychotherapy

**11:00 – 11:20 Discussion & Break**

**11:20 – 12:20** **Neuro-oncology**

**Chair (Vicky Yamamoto)**

Vicky Yamamoto  
Vasilis Katsaros  
Sukru Mehmet Erturk

- Recent advances in Cancer Therapeutics
- The role of advanced MRI in pre-operative treatment planning for Brain Tumors
- Artificial intelligence in radiology: Basic concepts

**12:20 – 12:30 Discussion / 12:30 - 13:30 Lunch**

**13:30 – 14:30** **Epilepsy and Connectomics**

**Chairs (Mohammad Nami)**

Mohammad Nami  
Vasileios Katsaros  
Shahrokh Yousef Zadeh  
Hamideh Mostafaei

- Parasomnias and Epilepsy: The dilemma
- Brain Mapping for Epilepsy Surgery
- Seizure Due to Infection of Brain
- A comprehensive review of epilepsy in Iran

**14:30 – 14:50 Discussion & Break**

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**14:50 – 15:50**

**Neurodegenerative Disorders**

**Chair (Maryam Noorzian)**

*Fatemah M. Rassani*

- How the COVID-19 pandemic could affect the care of the neurodegenerative disorders in developing countries: The experience in Iran

*Mina Dehghani*

- Cognitive Impairments and Brain Imaging Findings in the Patients with Schizophrenia

*Cihan Tastan*

- Gene Editing in Neurons

*Narges Radman*

- Data registry for psychiatric, neurocognitive & neuroimaging data in patients with bipolar mood disorders admitted at Roozbeh Hospital

**15:50 – 16:10 Discussion & Break**

**16:10 – 17:10**

**Neurotrauma – (Brain & Spine Injuries)**

**Chairs (Asra Al Fauzi)**

*Asra Al Fauzi*

- Management of head injury in pregnancy

*Armin A. Norusi*

- Emergencies in Neurotrauma

*Donny Argy*

- Rural Neurosurgical Practice in East Nusa Tenggara Indonesia: An Overview of Demographics, Limitations, Strategies, Government Approach to Human Resources Planning

*Joni Wahyuhadi*

- Management of Head Injury in Developing Country Scenario

**17:10 – 17:30 Discussion & Break**

**17:30 – 18:00**

**Movement Disorder**

**Chair (Achmad Fahmi)**

*Heri Subianto*

- Establishing a comprehensive epilepsy center in Surabaya Indonesia: challenge and opportunity

*Achmad Fahmi*

- Brain Lesioning in Parkinson's Disease

**18:00 – 18:30 Discussion & Break**

**18:30 – 19:30 Back to the hotels / Refreshment**

**19:30 - 20:00 Drive to Uskudar University**

**20:00 – 20:45 Research Centers Visit**

**21:00 - 22:30**

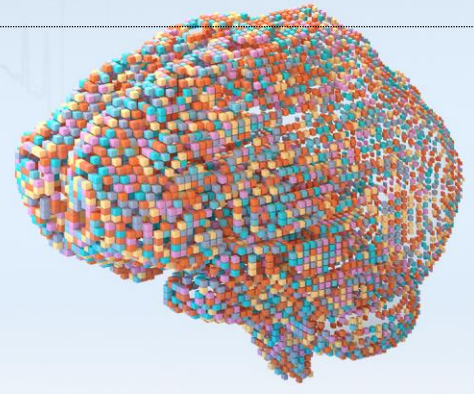
Networking Dinner - Nakkas

**23:00**

Hotel Drop-off \*

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**DAY 3**

**08:30** Hotel Pick-up \*

**09:00 -11:30** Me+ Brain Board Members Meeting / NP Brain Hospital Meeting Room

*Agenda: Road Map, Policies, Priorities, Annual topics, Next meeting date, and place.*

**11:30** Hotel Drop-off \*

*\*Please see the Google Map Links and addresses of the venue and the hotels below.*

Place	Google Map Link	Address
<b>Crowne Plaza Istanbul - Oryapark</b>	<a href="https://q.page/Crowneplazaoryapark?share">https://q.page/Crowneplazaoryapark?share</a>	İnkılap, Ahmet Tevfik İleri Cd No:58/1, 34764 Ümraniye/İstanbul
<b>Mercure Hotel</b>	<a href="https://goo.gl/maps/ZquzPq2839nAWTab6">https://goo.gl/maps/ZquzPq2839nAWTab6</a>	Mercure Istanbul Umraniye, Alemdag Cad, Site Yolu Cd No:20, 34768 Ümraniye/İstanbul
<b>Uskudar University NP Dentistry &amp; Health Campus</b>	<a href="https://goo.gl/maps/XnjTnLDA78EJ67dr9">https://goo.gl/maps/XnjTnLDA78EJ67dr9</a>	Saray, Ahmet Tevfik İleri Cd No:5, 34768, 34768 Ümraniye/İstanbul