

First Day, Wednesday

Time / Place	Title	Presenter	Duration (min)
7:00 - 8:00 Lobby	Registration		
8:00 - 10:00 Hall 1	Panel: Time, Brain and Decision Making Chairs: Hamed Ekhtiari - Elahe Shafiabadi - Ali Farhoudian - Javad Hatami		
	Temporal Discounting from Marshmellow Test to HR Management	Reza Mirfattah	15
	How to Measure Temporal Discounting	Alireza Valyan	15
	Drug Addiction and Aberrant Decision Making in Temporal Dimensions	Elahe Shafiabadi	15
	How to Intervene in Temporal Discounting	Mehdi Fakhimi	15
	Episodic Future Thinking in the Context of Cognitive Rehabilitation	Tara Rezapour	15
	Challenges and Hopes	Hamed Ekhtiari	15
	Discussion		30
8:00 - 10:00 Hall 2	Oral Presentation 1: Behavioral Neuroscience Chairs: Hossein Azizi - Esmaeil Riahi - Saeed Mehrzadi - Zahra Ghasemzadeh - Naser Amini - Mohammad Shabani		
	Probiotic administration improved stress-induced amnesia in rats	Ali Golbabaie	8
	Beneficial effects of garlic on learning and memory deficits and brain tissue damages induced by lead exposure during juvenile rat growth is comparable to the effect of ascorbic acid	Alireza Karampour	8
	Neuroprotective effects of ghrelin result in prevention or restitution of ischemia-induced impairment of long-term potentiation and hippocampal synaptic plasticity, leading to memory enhancement	Bahman Sadeghi	8
	Investigation of protective effects of coenzyme Q10 on impaired synaptic plasticity in rat with Alzheimer's disease	Hamidreza Komaki	8
	Stress-induced anhedonia and weight loss: the role of MC4R	Mina Goudarzi	8
	Effects of spirulina microalgae, voluntary exercise and environmental enrichment on juvenile stress-induced inhibitory avoidance memory deficit and BDNF level alteration in adult female rats	Nasroallah Moradi Kor	8
	Considering the relationship between D2 in Paraventricular hypothalamic nucleus and Ghrelin in food-deprived male rats	Niyousha Danesh	8

	Ameliorative effect of apelin-13 on Amyloid β -induced model of Alzheimer's disease	Samaneh Amin Yavari	8
	Investigation the effect of Low Frequency Stimulation on Spontaneous Inhibitory and Excitatory Post-Synaptic Currents of Hippocampal CA1 Pyramidal Cells in Kindled Rats	Samireh Ghafouri	8
	Assesment of anti-alzheimer effects of Ferulago angulata extract	Seyedeh Leila Hashemi	8
	The therapeutic potential of low frequency electrical stimulation against kindling-induced impairment in long-term potentiation in rats	Khadijeh Esmaeilpour Bezenjani	8
	Brain insulin signaling malfunction as a consequence of prenatal stress exposure can accelerate Alzheimer like pathology in icv-STZ rat model of sAD	Farzaneh Rostami	8
	The role of low level laser therapy on neuropathic pain relief and interleukin-6 expression following spinal cord injury: An experimental study	Negin Mojarad	8
	Discussion		15
8:00 - 10:00 Hall 3	Oral Presentation 2: Cellular and Molecular Neuroscience Chairs: Nasim Vosoughi - Faezeh Faghihi - Fariba Khodaghali - Sareh Asadi - Abbas Piryaee - Shima Tavakol		
	Terminalia chebula has promising effects on mice microglial cells inflammation induced by lipopolysaccharide and regulates MQ1/MQ2 balances	Vafa Baradaran Rahimi	8
	Chitosan-film associated with mesenchymal stem cells improved withdrawal reflex latency analysis in a rat sciatic nerve model	Mehrnaz Moattari	8
	THE EFFECT OF BETA-BOSWELLIC ACID AND NURR1 OVEREXPRESSION ON DOPAMINERGIC PROGRAMMING OF MURINE EMBRYONIC STEM CELLS	Mozhgan Abasi	8
	The neuroprotective effect of intranasal interferon beta treatment in a lentivirus-induced rat model of Alzheimer's disease	Sara Chavoshinezhad	8
	Perifosine enhances bevacizumab-induced apoptosis and therapeutic efficacy by targeting PI3K/AKT pathway in a glioblastoma heterotopic model	Sara Ramezani	8
	The Role of NF- κ B and ROS production on Apoptogenic Impacts of Purslane on Glioblastoma Multiforme Cancer Cell Line	Vahid Reza Askary	8
	Evaluation of Association between 3'UTR-rs27072 polymorphism and Attention-Deficit Hyperactivity Disorder susceptibility among children from Northwest of Iran	Adel Abdi	8
	What do the genetic association data say about the high risk of suicide in depressed people? A novel network-based approach to find common molecular basis for depression and suicidal behavior and relat	Ali Bozorgmehr	8
	Epigenetic, gene expression profiling and neuroimaging features could predict the methamphetamine induced psychosis	Arvin Haghightafard	8

	Glucocorticoid Receptor Genetic Variants and Response to Fluoxetine in Major Depressive Disorder	Hasti Nouraei	8
	Identification of two SPG11 pathogenic mutations in autosomal recessive juvenile amyotrophic lateral sclerosis families using exome sequencing	Marzieh Khani	8
	Disrupting Blood Brain Barrier with Mannitol in Cuprizone Model of Multiple Sclerosis for Stem Cell Delivery	Mohsen Marzban	8
	Evaluation of DRD4 rs1800955 polymorphism and Attention Deficit Hyperactivity Disorder susceptibility among children from Northwest of Iran	Nava Khalilinejad	8
	Identification of a rare BSCL2 mutation in an Iranian family with Charcot-Marie-Tooth by whole exome sequencing	Neda Mohsenpour	8
	Discussion		8
8:00 - 10:00 Hall 4	Oral Presentation 3: Cognitive and Clinical Neuroscience Chairs: Ali Khatibi - Abdolhadi Daneshi- Azra Jahanitabesh - Fatemeh Sadat Mirfazeli - Maryam Jafarian - Reza Daneshmand		
	Behavioral Intervention Aimed at Reducing Urban Residential Water Consumption Through Biophilic Design for Sustainable Behavior	Amanollah Golshan	8
	neural evidence for top-down visual processing	Behnam Karami	8
	Hypothalamic- pituitary-adrenal (HPA) axis and its relationship with Psychological index in stimulus dependents, a cross-sectional study	Bijan Pirnia	8
	EEG oscillations during visual processing task are different in expert and non-expert subjects	Davoud Nouri	8
	Sentence Comprehension and Working Memory limitation in Patients with Frontal Lobe Traumatic Brain Injury and the relationship between them	Ehsan Hemmati	8
	The effect of a single session of rTMS on working memory and response inhibition in healthy adults: A randomized clinical trial	Fahimeh Sadat Hosseini Baharanchi	8
	A Neuroscience Approach to Cognitive and Emotional Interactions	Fazlollah Shahraki	8
	White Matter Tract Alterations in Drug-naive Parkinson's Disease Patients with Excessive daytime sleepiness	Ghazaleh Kheiri	8
	Placebo cognitive effects on human walking performance	Ghazaleh Soleimani	8
	Interactive Processing of Object Information between Peri-occipital and Peri-frontal Brain Areas	Hamid Karimirouzbahani	8
	Use of melatonin versus valproic acid in prophylaxis of migraine patients: A double-blind randomized clinical trial	Mojtaba Sharafkhan	8
	Utilization of Transcranial Sonography for Diagnosis of Degenerative Dementia	Mostafa Almasi	8
Acupuncture in reducing postdural puncture headache	Sara Esmaeili	8	

	Insomnia in tension-type headache: a population-based study.	Seyed Ehsan Asadi	8
	Discussion		8
8:00 - 10:00 Hall 5	Oral Presentation 4: Electrophysiology and Computational Neuroscience Chairs: Reza Khosrowabadi - Abdolhossein Vahabi - Mohammadreza Abolghasemi - Mohammadali Nazari - Arash Zare Sadegh		
	SecondBrain, a simplified micro-module for EEG signal processing	Amirhesam Rayatnia	10
	Comparison of video game based training and motor-cognitive dual-task training on the preparation of brain prior to gait initiation in older adults	Roya Khanmohammadi	10
	Effectiveness of exposure and response prevention (ERP) versus transcranial direct current stimulation (tDCS) in remission of obsessive-compulsive disorder	Vida Yousefi Asl	10
	EEG representation of different Human Computer Interaction Modes: an EEG base study	Afrooz Seyedebrahimi	10
	Functional connectivity networks in free viewing behavior	Hossein Seidkhani	10
	Analytic solution for the effect of a transient signaling input on spike timing distribution reveals network architecture	Safura Rashid Shomali	10
	REM sleep and emotional processing; Insights from functional connectivity analysis of sleep EEG signal	Saman Seifpour	10
	Provide a model base on chaos for essential tremor of hand using the chaotic time series of logistics map	Seyedeh Zohreh Hosseini Marashi	10
	Poincare map analysis using short EEG signal for depth of anesthesia monitoring	Seyyed Abed Hosseini	10
	Construction, standardization, validity and reliability of memory malingering	Yegane Derakhshan	10
	Discussion		20
8:00 - 10:30 Hall 6	Oral Presentation 5: Cognition (1) Chairs: Ali Yoonessi - Amirhossein Jalali - Mohsen Dadashi - Fatemeh Bakouei - Ebrahim Pishyareh - Mehdi Alizadeh		
	Effects of Strategy Training in Attention Cognitive Games: A Case Study	Elaheh Abolhassani Shahreza	8
	Study of Balance Exercises on Balance Performance and Attention in the Children with Hearing Deficits	Mohammad Hedayatjoo	8
	Image classification using eye movement patterns of a monkey	Parvaneh Salami	8
	Cross frequency coupling measures for feature extraction in a color discrimination task	Saeideh Davoodi	8
Enhancing Divided Attention by Sweeping Binaural Beats	Sajedah Aghababaei	8	

	The efficacy of neurocognitive rehabilitation for patients after coronary artery bypass graft (CABG) surgery	Simin Sadat Ajtahed	8
	The Effects of Binaural Beats on Reaction Time	Farnaz Eslamjamal	8
	Analytical vs. Intuitive thought_A comparative and neuropsychological review	Mohsen Dadjoo	8
	Investigation of structure and function of Central Nervous System(CNS), with explanation about neurogenesis and synaptogenesis	Fatemeh Ghanaee	8
	Study of the effects of short- term REM sleep deprivation on neurogenesis and spatial memory of adult male rats	Somaye Mesgar	8
	Effects of a single session transcranial direct current stimulation(tDCS) on food craving In Obesity	Amir Hossein Samani	8
	Effectiveness of anodal transcranial direct current stimulation(tDCS) over left dorsolateral prefrontal cortex on drug craving and attentional bias symptoms in opium addicted males	Mohsen Dadashi	8
	Studying the effect of tDCS in VMPFC on theory of mind and facial emotion perception in healthy adults	Sajjad Tavassoli	8
	Neuro-aesthetic : Affect and Pure Perception of Art	Ehsan Nematollahi	8
	Discussion		8
8:00 - 10:00 Hall 7	Oral Presentation 6: Cognition (2) Chairs: Mehrdad eftekhar - Negar Sammaknejad - Anahita Khorrami - Nida Jamali - Reza Rostami - Masoud Nosratabadi		
	Effect of chronic cannabidiol treatment on memory functions in methamphetamine-addicted rats	Yasaman Razavi	8
	Phone sequence modeling using the formation of attractor dynamics in recurrent neural networks	Zohreh Ansari	8
	Comparison of semantic processing in patients with left temporoparietal damages with normal adults	Negin Borjian Boroujeni	8
	The Effectiveness Of Teaching Persian language By Melodic Intonation Thrapy (MIT) On 7-10-Year Persian Autistic Children's Speech	Negin Iravani	8
	Cognitive Assessment in the Air Force Pilot Cadets	Ahmad Ebadi	8
	The effects of exercise on behavioral deficits during the adolescent period of life in ovalbumin sensitized rats	Amin Mokhtari Zaer	8
	Estimation of long duration is related to EEG beta power	Amirhosein Ghaderi	8
	Repetition and novelty effects of stimulus duration on Event-Related Potential components	Hossein Sepasi Moghaddam	8
	Evaluation of early stages of facial emotion recognition in children with attention-deficit / hyperactivity disorder based on early positive negativity	Mahdiyeh Sarraf Razavi	8

	The complexity of simple counting: ERP findings reveal early perceptual and late numerical processes in different arrangements	Shadi Akbari	8
	Improving Visual Working Memory in a N-back Task by Auditory Stimulation	Amirreza Karimi	8
	The effectiveness of Autobiographical Memory Specificity Training on improvement of working memory capacity and decision-making in depressive students	Mozhgan Iranmanesh	8
	Increased plasma adiponectin level and insulin resistance in patients with Alzheimer's disease	Soroush Sharifimoghadam	8
	Concurrent influence of top-down and bottom-up inputs on correlated activity of extrastriate neurons	Yaser Merrikhi	8
	Interaction Between Two Worlds: What are the Cognitive Sources of Creativity and Creative Processes?	Mohammad Taghi Saedi	8
10:00 - 10:30 Lobby	Tea and Coffee Break		
10:30 - 12:30 Hall 1	Opening Ceremony		
	Chairman's Welcome Message	Mohammad Taghi Joghathie	
	Scientific Secretary Report	Jamal Shams Tourandokht Balouchnejad	
	Invited Speakers		
	Keynote lecture: At the onset of the linguistic network	Fabrice Wallios	
	Keynote lecture: Using Transcranial Electrical Stimulation to Improve Treatment Outcomes in Substance Use Disorder	Hamed Ekhtiari	
	Awards Announcement	Congress Board	
12:30 - 13:30	Pray and Lunch		
13:30 - 15:30 Hall 1	Panel: DBS		
	Chairs: Gholamali Shahidi – Mohammad Ghadiri – Mansour Parvaresh - Reza Arezoomandan - Amir Hasan Habibi - Mohammad Rohani		
	DBS surgical technique	Mansour Parvaresh	15
	DBS Applications	Gholamali Shahidi	15
	The role of DBS & OCD in mental illness	Mohammad Ghadiri	15
	The role of DBS in addiction treatment and its future in psychiatric diseases	Reza Arezoomandan	15
	The role of DBS in controlling Parkinson's non-motor symptoms	Amir Hasan Habibi	15
	DBS or Destructive Surgery? and ultrasound focus	Mohammad Rohani	15
Discussion			30

13:30 - 15:30 Hall 2	High School-Students Seminar: Maryam Jafarian - Masoumeh Nozari - Sara Ramezani - Ali Bozorgmehr - Reza Babaei Fahanic- Razieh Kamali - Fatemeh Tirgar		
13:30 - 15:30 Hall 3	Panel: Time Perception: from Philosophy to Brain		
	Chairs: Mohammad Ali Nazari - Ali Khatibi - Amir Hosein Ghaderi - Anahita Khorrami		
	Time in Philosophy, Physics and Psychology	Hamed Abdi	15
	Study Methods of Time Perception	Mohammad Ali Nazari	20
	Models of Time Perception	Saied Sabaghy Pour	20
	Neurobiology of Interval Timing	Amir Hosein Ghaderi	20
	Culture and Time	Saied Sabaghy Pour	15
	Discussion		30
13:30 - 15:30 Hall 4	Panel: Computational Neuroscience		
	Chairs: Reza Khanbabaie - Alireza Valizadeh - Afshin Montakhab - Saman Moghimi-Araghi - Amir Hosein Ghaderi		
	Refractory period and extended criticality in network models of excitable nodes.	Afshin Montakhab	18
	Neural oscillations and brain function	Alireza Valizadeh	18
	A model for self-organization of brain on evolving network	Saman Moghimi-Araghi	18
	Reinforced Random Walker meets Spike Timing Dependent Plasticity	Hamed Seyed-Alaee	18
	Synaptic Dynamics and Motion Detection	Reza Khanbabaie	18
	Discussion		30
13:30 - 15:30 Hall 5	Undergraduate-Students Seminar		
13:30 - 15:30 Hall 6	Oral Presentation 7: Emotion, Motivation and Behavior		
	Chairs: Mehrdad Roghani - Homa Rasouli - Javad Mahmoudi- Saadi Lotfali - Fereshteh Golab - Masoumeh Nozari		
	A Comparative Study of the Effectiveness of Methods for Creating Educational Motivation in Students	Saadi Lotfali	10
	Effect of hippocampal microinjection of Calcium-Calmodulin-Dependent Protein Kinase II inhibitor on Spatial Memory Consolidation of Morphine Sensitized Rats	Hamid Ahmadianmoghadam	10
	Evaluation of paternal and/or maternal morphine exposure on Obsessive-Compulsive behavior in male Wistar rat	Kiyana Rohbani	10
	Effect of silver nanoparticles on expression of naloxone- induced withdrawal symptoms in the morphine conditioned rat	Mahnaz Rahimpour	10

	D1 receptor antagonist reduced memory deficits in offspring of morphine-abstinent parents in rats	Maral Matloob	10
	D1 receptor antagonist administration in Nucleus Accumbens modulate morphine reinforcing effect in offspring of morphine abstinent rats	Nazanin Monfared	10
	Adult rat morphine exposure changes anxiety-like behavior in male offspring	Saba Sabzevari	10
	Pre-gestational stress increased susceptibility to seizure in offspring rats	Maryam Mahmoodkhani	10
	Orexin type 1 receptor antagonist within the ventral tegmental area mediates stress and drug priming –induced reinstatement of morphine conditioned place preference	Ronak Azizbeigi	10
	Discussion		20
	Oral Presentation 8: Epilepsy, Neural Excitability, Synapses, and Glia		
	Chairs: Farnaz Nikbakht - Fariba Karimzadeh - Homeira Hatami - Shamseddin Ahmadi - Adib Zende Del - Mahmoud Hosseini		
	Multiple molecular signaling pathways involve in absence epilepsy	Fariba Karimzadeh	10
	Study of anti-oxidant effect of curcumin-linoleic acid on BDNF gene expression changes during multiple sclerosis disease induction in male rats	Homeira Hatami	10
	JNK3 mitogen activated protein kinase is increased in the hippocampus of a rat model of hepatic encephalopathy	Shamseddin Ahmadi	10
	Blockade of p75 neurotrophin receptor reverses irritability and anxiety-related behaviours in a rat model of status epilepticus	Soraya Mehrabi	10
	Acute administration of Docosahexaenoic acid with Lamotrigine inhibits drug resistance epilepsy in LTG resistant kindled rats	Melika Moezifar	8
	The effects of prenatal exposure to ethosuximide on the morphology of pyramidal neurons and neuronal density in the cerebral cortex of adult rats	Sahar Rezaei	8
	Acute application of cholecystokinin and its effect on long-term potentiation induction at CA1 area of hippocampal formation in rat	Farzane Dehghani	8
	Cytokine profile and gene expression in PBMC cultured of patients with multiple sclerosis following vitamin A supplementation	Neda Soveid	8
	Kidney inflammatory response to experimental autoimmune encephalomyelitis model (EAE)	Sahar Rostami Mansoor	8
	Antinociceptive activity of diosgenin in rats with painful diabetic neuropathy: involvement of oxidative stress and inflammation	Tayyebbeh Rahmani	8
	Effect of Probiotics oral administration on MOR and IL-1 β expressions in spinal neuroinflammation	Vida Nazemian	8
13:30 - 15:30 Hall 7			

	Association of Adherence to Dietary approaches to stop hypertension (DASH) diet on headache severity among women with Migraine	Atieh Mirzababaei	8
	Extremely low frequency electromagnetic field increase cytotoxicity of temozolomide in glioma cells but not in primary cortical astrocytes	Meysam Ahmadi	8
13:30 - 15:30 Cellular and Molecular Research Center	Workshop: How to Write a Successful Scientific Paper in the field of Neuroscience? (1) Marzie Zare		
15:30 - 16:00 Lobby	Tea and Coffee Break		
16:00 - 17:00 Hall 1	Keynote lecture: The languages of the brain: How did language and mathematics emerge in humans during the course of evolution?	Stanislas Dehaene	
16:00 - 18:00 Hall 2	Meeting of Iran Autism Association		
17:00 - 18:00 Hall 3	Meeting of Iranian Neuroscience Association		
16:00 - 18:00 Hall 4	Panel: Computational Neuroscience & Neuroengineering Chairs: Mohammadreza Daliri - Afshin Montakhab		
	Application of graph theory in functional brain mapping	Amir Hossein Ghaderi	18
	Chaos Theory and Computational Neuroscience	Yashar Sarbaz	18
	Online neural decoding from muscles, advancements and open topics	Hamid Reza Marateb, Saeed Karimimehr, Dario Farina	18
	Slow spindles are associated with cortical high frequency activity	Maryam Ghorbani	18
	The importance and role of computational neuroscience in the diagnosis, prevention, and treatment of neurological diseases; and improving the quality of life of patients	Ata Abbasi	18
	Discussion		30
16:00 - 18:00 Hall 5	Undergraduate-Students Seminar		
16:00 - 18:00 Hall 6	Oral Presentation 9: Learning and Memory Chairs: Abbas Ali Vafaei - Hamed Ghazvini - Hossein Miladi gorji - Majid JafariSabet - Masoumeh Kourosh Arami - Ali Siahposht khachaki		
	Interaction of glucocorticoids and neurotransmitter systems on fear memory extinction	Abbas Ali Vafaei	13
	The effects of Estrogen and Progesterone Replacement on Methamphetamine-Induced Synaptic Plasticity Impairment in Ovariectomized Rats	Hamed Ghazvini	13

	Cognitive functions, Environmental enrichment and Addiction	Hossein Miladi Gorji	13
	NMDA receptors in the dorsal hippocampal area are involved in tramadol state-dependent memory of passive avoidance learning in mice.	Majid Jafarisabet	13
	Postnatal development changes in excitatory synaptic activity in the rat locus coeruleus neurons	Masoumeh Kourosh Arami	13
	Single-neuron activity in the nucleus accumbens on the extinction and reinstatement morphine-induced conditioned place preference: the key role of the NMDA and AMPA receptors in the reward- associated	Ali Siahposht Khachaki	13
	Upregulation of the hippocampal CaM kinase II mRNA in the offspring rats following maternal injection of frankincense	Siamak Beheshti	13
	Morphometric plasticity of nitric oxide containing neurons in the barrel cortex of de-whiskered rats	Mohammad Reza Afarinesh	13
	EFFECTS OF ANODAL TRANSCRANIAL DIRECT CURRENT STIMULATION ON THE ACQUISITION OF MORPHINE-INDUCED CONDITIONED PLACE PREFERENCE	Seyyed Saeid Anvari	13
16:00 - 18:00 Hall 7	Oral Presentation 10: Neural Injuries and Degeneration Chairs: Nahid Aboutaleb - Farinaz Nasiri Nejad - Bita Mehravi - Firouz Ghaderi - Laya Kafami - Khadijeh Ashtari - Reza Ahadi		
	The cytotoxic effect of ibuprofen on brain cancer cells in cell culture media	Bahare Seyed Hosseini	9
	The cytotoxic effect of diclofenac on brain cancer cells in cell culture media	Sarah Nouri	9
	A novel mutation in the TSC2 gene causing severe Tuberous Sclerosis	Farshid Parvini	9
	Differentiation of Oedematous, Tumoral and Normal Areas of Brain White Matter Using Diffusion Tensor and Neurite Orientation Dispersion and Density Imaging	Sadegh Masjoodi	9
	Gold nanoparticles show an improvement of myelin in the rat's corpus callosum exposed to microinjection of L-Arginine	Mahjabin Khosravi Bonjar	9
	The Effect of Carvacrol in Vascular Cognitive Impairment in the CCH Rats	Azadeh Shahrokhi Raeini	9
	Development and Audiological Monitoring of Auditory Neuropathy Model in Rats with Streptozotocin-induced Diabetes	Fatemeh Heidari	9
	Pituitary gland lesions of MRI	Zeynab Yazdi Sotoodeh	9
	Anti-oxidative effect of Flaxseed on experimental unilateral spinal cord injury in rat	Morteza Gholaminejhad	9
	The preventive and therapeutic effects of Ellagic acid on systemic blood pressure and cerebral vessels responsibility in male rats with traumatic brain injury	Mahin Dianat	9

	Understanding the molecular basis of Brown-Vialetto-Van Laere syndrome and Fazio-Londe syndrome as allelic disorders: in silico analyses of the SLC52A3 mutations	Nejat Mahdih	9
	Discussion		20
13:30 - 15:30 Cellular and Molecular Research Center	Workshop: How to Write a Successful Scientific Paper in the field of Neuroscience? (2)	Marzie Zare	

Second Day, Thursday

8:00 - 10:00 Hall 1	Panel: Human Electrophysiology		
	Chairs: Reza Lashgari - Sina Salehi - Ahmad Soltani - Majid Ghafarpour - Majid Ghafarpour		
	Human intracranial EEG and direct cortical stimulation: a new era	Josef Parvizi	20
	Spiking Activity in the Subthalamic Nucleus of Parkinson's Patients is Locked with its LFP Beta activity	Sina Salehi	20
	Intraoperative Neurophysiology Monitoring During Dorsal Rhizotomy in a Case of Spastic Cerebral Palsy	Ahmad Soltani	20
	Electroencephalography on the diagnosis of Neurological Disorders	Majid Ghafarpour	20
	Keynote Lecture: A multi-modal neuroimaging approach to track abstinence-mediated changes in brain structure and function in drug addiction	Muhammad Adeel Parvaz	30
Discussion		10	
8:00 - 10:00 Hall 2	Panel: Neurocognitive deficits in schizophrenia: an overview		
	Chairs: Mohammad Ghadirivasfi - Alireza Moradi - Zahra Mirsepassi - Somaye Arabzadeh - Rosa Alikhani		
	Cognitive impairment in schizophrenia	Zahra Mirsepassi	20
	Neurobiology of cognitive impairment in schizophrenia	Somaye Arabzadeh	20
	Assessment of cognitive impairment in schizophrenia	Rosa Alikhani	20
	Cognitive rehabilitation in schizophrenia	Mohammad Ghadirivasfi	20
Discussion		30	
8:00 - 10:00 Hall 3	Panel: Integrating Brain Stimulation and Human Brain Mapping: TES/MRI		
	Chairs: Hamed Ekhtiari - Farzad Towhidkhan - Rasoul MahdaviFar - Bahador Makkiabadi - Mohammad Ali		
	Integrating Brain Stimulation and Human Brain Mapping; Challenges and Hopes	Hamed Ekhtiari	15
	Our Obesity MRI/tDCS Study Design	Nastaran Malmir	10
	Technical Issues in fMRI-tDCS	Peyman Ghobadi Azbari	10
	Structural MRI and Current Distribution Models	Golnaz Baghdadi	10
	Our Addiction EEG/tDCS Study Design	Sepideh Bakht	10
	Technical Issues in EEG-tDCS	Hassan Khajehpoor	10
tDCS/fMRI/EEG Technologies Available at NBML	Narges Sadeghbeigi	10	
Discussion		45	

8:00 - 10:00 Hall 4	Panel: Dementia Chairs: Maryam Noroozian - Babak Zamani - Alireza Sarkaki - Fahimeh Haji-Akhundi - Mostafa Almasi - Hashem Haghdoost Yazdi		
	Management of MCI	Mostafa Almasi-Dooghaee	15
	What is SCI?	Fahimeh Haji-Akhundi	15
	Aging Brain	Zahra Vahabi	15
	Neurobiological and Clinical aspects of Vascular Dementia	Fatemeh Mohammadian	15
	Smell Test: The Biological Marker for Alzheimer's Prediction	Azadeh Zendeabad	15
	Serum urate level as a biomarker of Parkinson's disease; evidences from experimental animal model	Hashem Haghdoost Yazdi	15
	The Effects of Betulinic Acid on the Neurobehavioral Activity, Brain Electrophysiology and Histological Changes in an Animal Model of Alzheimer's disease	Alireza Sarkaki	15
	Discussion		15
8:00 - 10:00 Hall 5	Panel: Intelligent Behavioral Analysis in Neurocognitive Studies Chairs: Ali Yoonessi - Ata Pourabbasi - Mohammad H. Nadimi-Shahraki - Hoda Zamani - MohammadAli Nazari - Seyed Masud Arzaghi		
	Real life behavioral assessment as an effective approach in neurocognitive studies	Ata Pourabbasi	20
	Intelligent assessment of human behavior	Mohammad-Hossein Nadimi-Shahraki	20
	Using virtual reality techniques in behavior studies	Hoda Zamani	20
	synchronizing video based behavioral assessment and brain structures in clinical studies	Seyed Masud Arzaghi	20
	Impact of Computer Games on Arousal in Children With ADHD	Mohammadali Nazari	20
	Discussion		30
8:00 - 10:00 Hall 6	Panel: Neuroendocrinology of dementia Chairs: Maryam Zahmatkesh - Anahita Torkaman Boutorabi - Mahdi Shafiee Sabet - Mitra Ansari Dezfouli - Ladan Marboti		
	Neurohormonal changes in dementia	Maryam Zahmatkesh	20
	Gonadal hormones as therapeutics for dementia	Anahita Torkaman-Boutorabi	20
	Hormone therapy and dementia in post menopause women	Mahdi Shafiee Sabet	20
	Neuroprotective role of Melatonin in Rat Model of Alzheimer's type of dementia	Mitra Ansari-Dezfouli	20
	Does subtotal brain estrogen synthesis inhibition induce dementia?	Ladan Marboti	20

	Discussion		30
8:00 - 10:00 Hall 7	Workshop: Values and methods of recording EEG+ Eye tracking combination	Anahita Khorrami Asghar Ranjbar	
10:00 - 10:30 Lobby	Tea and Coffee Break		
10:30 - 12:30 Hall 1	Panel: Stem cell Administration in Neuroprotection and Neuroregeneration Chairs: Mohammad Taghi Joghataei - Alireza Zali - Mahmood reza Ashrafi - Hooshang Saberi - Masoud Mehrpour- Ali Samadi Koucheksaraei		
	Mechanisms of Degeneration and Regeneration in Neural injury	Mohammad Taghi Joghataei	20
	Role of stem cells in the treatment of. CP	Alireza Zali	20
	Application of Stem cell in Cerebral Palsy: Preliminary Report	Mahmood Reza Ashrafi	20
	Role of Stem cell Therapy in Stroke Treatment	Masoud Mehrpour	20
	Effect of Subcutaneous Granulocyte-Colony Stimulating Factor Administration on Neurological and Functional Outcomes in Subacute and Chronic Traumatic Spinal Cord Injuries: a Double Blind Randomized Controlled Clinical Trial	Hooshang Saberi - Nazi Derakhshanrad	20
	How to make a brain bank? The most valuable experiences to run Iran Brain Bank	Fariba Karimzadeh	20
10:30 - 12:30 Hall 2	Panel: National Brain Mapping Laboratory (NBML) Chairs: Mohammad Reza Ay - Hamid Soltaniyan Zadeh - Javad Safaei		
	First customer speaker of MRI & Second customer speaker of EEG	Mri & Eeg Customers	30
	BCI Awards and Q & A	BCI Awarding Prize	30
	Introduction of laboratory services and equipment	Mohammad Reza Ay	20
	Foundations of fNIRS	Javad Safaei	20
	Multi-Modality Neuroimage Analysis and Decision Support in Epilepsy	Hamid Soltaniyan Zadeh	20
10:30 - 12:30 Hall 3	Panel: Vision Chairs: Mohammad Reza Daliri - Sina Salehi - Mir Shahram Safari - Hadi Hadizadeh - Masoud Aghsaei Fard - GholamAli Hosseinzadeh		
	Distinct Roles of Parvalbumin- and Somatostatin-Expressing inhibitory Interneurons in shaping visual responses in primary visual cortex	Mir Shahram Safari	15
	Contribution of body and face selective ventral temporal cortical areas in representation of bodies	Sina Salehi	15
	Visual-Saliency-Modulated Just Noticeable Distortion Modeling in Digital Images	Hadi Hadizadeh	15
	Optic nerve head imaging	Masoud Aghsaei Fard	15

	Neural strategies for information coding	Mohammadreza Daliri Moein Esghaei	30
	Discussion		30
10:30 - 12:30 Hall 4	Panel: Brain, Stress, Insulin, and Learning Chairs: Hedayat Sahraei - Ali Rashidy Pour - Homeira Zardooz - Hossein Meftahi - Hassan Ghoshooni - Ali Ahmadalipour		
	Maternal separation stress reduces hippocampal insulin content and impaired spatial learning in the rats	Homeira Zardooz	20
	Insulin signaling in learning and memory in response to stress	Hossein Meftahi	20
	Sex differences in response to stress induced memory impairment	Hassan Ghoshooni	20
	Maternal stress reduces brain insulin content and induced learning and memory impairment in female F ₁ mice	Hedayat Sahraei	20
	Discussion		30
10:30 - 12:30 Hall 5	Panel: Parenting experience and cognitive ability of children Chairs: Mitra Hakim shooshtari - Shahrbanoo Ghahari - Hamidreza Puretemad - Katayoun Razjooyan - Sadegh Yoosefee - Soraya Mehrabi		
	The role of environment in raising intelligence of children	Hadi Zarafshan	15
	The role of child maltreatment in cognitive abilities of children	Mitra Hakim Shooshtari	15
	The role of parents in formation of children's schema	Shahrbanoo Ghahari	15
	FARPOU, a novel intervention model can enhance cognitive development in preschool children.	Ata Pourabbasi	15
	The Role of Mirror Neurons in Autism	Parham Pooladgar	15
	Bumetanide in Children and Adolescents with Autism Spectrum Disorder	Raheleh Mollajani	15
	American College of Medical Genetics and Genomics guideline for clinical genetics evaluation of autism spectrum disorders	Mojgan Ataei	15
The impact of educational motivation and self-acceptance on creativity among high school students	Sadegh Yoosefee	15	
10:30 - 12:30 Hall 6	Panel: New approaches for Myelin Repair Chairs: Mehdi Mehdizadeh - Behnam Jamei - Adib Zنده Del- Fereshteh Pourabdolhossein - Samaneh Dehghan - Maryam Ghasemi		
	Protein kinase C inhibition enhances functional recovery following Lysolecithin induced demyelination in mouse optic chiasm	Fereshteh Pourabdolhossein	20
	Neurorepair system and neurodegeneration disorders treatment, from bench to market	Maryam Mohajeri	20
	In vivo reprogramming; a new horizon in regenerative medicine	Maryam Ghasemi	20

	Treatment of multiple sclerosis with small molecules	Leila Zare	20
	A single transcription factor, sox10, promise for myelin repair in multiple sclerosis	Akram Mokhtarzadeh	20
	Discussion		10
	Oral Presentation 11: Neuropsychiatry and Psychology Chairs: Reza Nilipour- Vahid Shariat -Esmail Shahsavand - Mehdi Tehranidoost - Mohammad Arbabi - Alireza Pirkhaefi		
10:30 - 12:30 Hall 7	Altered Neuro-Psycho-Physiological Dynamics Following 3 Months Yogic Meditation Practice in Comparison to F.G. Meditation at rest and during mental task (A Randomized Controlled Trial)	Farshad Nazaraghaei	9
	the effects of neurofeedback training on the alleviation of the symptoms of generalized anxiety disorder for the patients who refer to neurofeedback centers	Razieh Memari	9
	Effectiveness of Cranial Electrotherapy Stimulation (CES) on anxiety symptoms in patients with Generalized Anxiety Disorder	Seyed Mahmoud Tabatabaei	9
	A review of theories of Autism Spectrum Disorder	Hassan Shahrokhi	9
	The Effects of Mental Disorders and the Cognitive Distortions' Severity On the Impulsivity	Mahboobeh Javid	9
	Event related potential modulation related to timing and predictability in taekwondo players	Simin Jafari	9
	cognitive function deficits in post-traumatic stress disorder and the effect of these impairments on the therapeutic process	Leila Nategh	9
	Effect of saffron (Crocus Sativus) on plasma Corticosterone concentration and genes expression involved in Hypothalamic-Pituitary-Adrenal axis in Post-Traumatic –Stress- Disorder of adult rat	Sara Asalgoo	9
	The association of V427M missense mutation of the PRODH gene with schizophrenia in the Iranian population	Mohammad Taghi Akbari	9
	Catechol-O-MethylTransferase Gene Expression in Stress Induced and Non-Stress Induced Schizophrenia	Ziba Aghamaleki Sarvestani	9
	Ahwazi viewpoints on brain temperament: beyond the simplicity and linear medical thinking	Majid Anushiravani	9
	Discussion		20
	12:30 - 13:30 Lobby	Pray and Lunch	
13:30 - 14:00 Hall 1	Keynote Lecture: The moral imperative of neuroscientists in ethics and law - Methods	Julia Christensen	30
14:00 - 15:30 Hall 1	Panel: Neuromanagement and Organizational Neuroscience Chairs: S. Kazem Malakouti - Negar Sammaknejad - Nader Seyed Kalali - Fatemeh Bakouie - Joseph Devlin		
	Computational models in neuromanagement and organizational neuroscience: complex systems approach	Fatemeh Bakouie	20

	A review of recent literature and future directions on cognitive perspective in management and strategy	Nader Seyed Kalali	20
	Neuromarketing & Consumer Behavior	Negar Sammaknejad	20
	Keynote Lecture: The moral imperative for neuroscientists in marketing	Joseph Devlin	30
13:30 - 15:30 Hall 2	Panel: Clinical Applications Of Advanced MR Imaging: fMRI, DTI, and MRS Chairs: Homayoun Hadizadeh Kharrazi- Mohammad Ali Oghabian - Amir Hossein Batuli - Reza Ahadi		
	An Introduction to Advanced MRI techniques	Mohammad Ali Oghabian	20
	Functional MRI and Presurgical Planning	Amir Hossein Batuli	20
	Clinical Applications of DTI	Sadegh Masjoodi	20
	MR Spectroscopy and its Clinical Applications	Samira Raminfar	20
	Functional connectivity and volumetric changes in HIV-infected patients	Ahmad Sohrabi	20
	Evaluation of Olfactory Activation patterns in anosmic patients with peripheral and central injuries as compared to healthy subjects with fMRI	Mohsen Kohanpour	20
13:30 - 15:30 Hall 3	Panel: Optical neuroimaging and optogenetics Chairs: Fereshteh Motamedi - Hamid Latifi - Mohammad Ismail Zibaii - Mohammad Reza Bigdeli - Jafar Kiani -Mehdi Karimi		
	A Report of Recent Activity of Neurophotonics Group on Brain Surface Optical Imaging	Hamid Latifi	15
	Neuroimaging by Structured illumination microscopy	Amir Hossein Baradaran Ghasemi	15
	Using optogenetics for targeted neuromodulation	Leila Dargahi	15
	Development of new advanced tools for manipulating neurons with optogenetics	Mohammad Ismail Zibaii	15
	The optogenetic manipulation of anterior cingulate cortex produces changes in behavior and cellular pathobiology in autistic like animal model	Mohammad Reza Bigdeli	15
	Optogenetically activation of ventral tegmental area dopaminergic fibers can improve the cognitive behavior in kindled mice	Nahid Roohi	15
	Study of channelrhodopsin knock in to the anterior cingulate cortex excitatory neurons and optogenetic stimulation on the clinical behaviors in autism-like animal models.	Elham Sadat Sayed Javad Javaheri	15
	Discussion		15
13:30 - 15:30 Hall 4	Panel: Neurological and cognitive side effects of psychiatric medications Chairs: Abolhasan Ahmadiani- Kazem Mousavizadeh - Hamid Reza Ahmadkhaniha - Fatemeh Hadi - Mohammadreza Shalbafan - Fatemeh Kashaninasab		

	Neurological and cognitive side effects of antipsychotics	Hamid Reza Ahmadkhaniha	20
	Neurological and cognitive side effects of antidepressants	Mohammadreza Shalbafan	20
	Neurological and cognitive side effects of benzodiazepines and stimulants	Fatemeh Hadi	20
	Neurological and cognitive side effects of mood stabilizers	Fatemeh Kashaninasab	20
	Discussion		30
13:30 - 15:30 Hall 5	Panel: Brain and Behavior modulation, following high-level or persistent stress Chairs: Arezo Nahavandi - Vahid Sheibani - Ameneh Shahrokhi - Hedayat Sahraie - Somayey Niknazar - Mehdi Khaksari		
	Mineralocorticoid versus glucocorticoid impact on brain	Arezo Nahavandi	20
	Adult neurogenesis during stress	Hedayat Sahraie	20
	Social brain	Ameneh Shahrokhi	20
	Childhood stress brain structure, function and connectivity	Somayey Niknazar	20
	the effect of maternal high fat diet on offspring's reward system	Neda Yazdanfar	10
	Discussion		30
13:30 - 15:30 Hall 6	Oral Presentation 12: Neuroscience of Neurological Disorders: Parkinson and Dementia Chairs: Mohammad Rohani - Mohammadhasan Farhadi - Mansoureh Soleimani - Zahra Fatahi - Ronak Shabani - Soheila Hosseinzadeh		
	New surgical approaches for treating movement disorders	Mohammad Rohani	15
	Effect of allopregnanolone on motor and synaptic deficits in experimental parkinsonism	Akram Nezhadi	9
	Outcome of STN-DBS on long-term motor function of patients with advanced Parkinson Disease	Romina Rashedi	9
	Carbamylated Erythropoietin-Fc protects against beta-amyloid(25-35)-induced learning and memory deficit and hippocampal MAPKs signaling disruption	Etrat Hooshmandi	9
	The Application of Nanoparticles in Stem Cell Therapy for Alzheimer's Animal Model	Farshid Qiyami Hour	9
	Role of 5-HT7 Receptor Activation in Hippocampal Long-Term Potentiation Against Streptozotocin-Induced Sporadic Alzheimer's Disease in the Rat	Nasrin Hashemi Firouzi	9
	The effect of Tau protein on the expression of MFN2 homologous gene in tau transgenic Drosophila Melanogaster	Seyyedeh Leila Abtahi	9
	Combined 192 IgG-saporin and 8-OH-DPAT infusions in the male rat brain: A hippocampal EEG and behavioral study	Soheila Hosseinzadeh	9
	Apigenin protects hippocampal neurons against toxicity of amyloid beta by modulation of the Bax/Bcl-2 proteins ratio and prevention of caspase-9 activation	Hadiseh Hossein Nia	9

	A New Insight into γ -secretase Related miRNA's as a Diagnostic Biomarker for Alzheimer's Disease	Seyede Nazanin Hajjari	9	
	Riluzole ameliorates learning and memory deficits in A β 25-35-induced rat model of Alzheimer's disease	Zahra Mokhtari	9	
	The Adverse Effects Of Successful Alzheimer's Disease Treatment	Alireza Khazaeli	9	
	Oral Presentation 13: Stem Cell Therapy and Neural Regeneration Chairs: Hooshang Saberi - Abedin Vakili - Hojjat Allah Abbaszadeh - Hadi Aligholi - Mohammad Karimipour- Arash Sarve-Azad			
	Granulocyte-Colony Stimulating Factor Administration for Neurological Improvement of Chronic Incomplete Traumatic Spinal Cord Injuries: a Double Blind Randomized Controlled Clinical Trial	Hooshang Saberi	15	
	Decrease in Cavity Size and Oligodendrocyte Cell Death Using Neurosphere-Derived Oligodendrocyte-Like Cells in Spinal Cord Contusion Model	Hojjat Allah Abbaszadeh	15	
	Effects of different doses of methylprednisolone on the behavior of neural stem cells	Hadi Aligholi	15	
	Central administration of irisin peptide protect brain against ischemic injury in a transient model of focal cerebral ischemia in mice	Abedin Vakili	15	
	Human mesenchymal stem cells promote functional improvement through coupling expression of neurotrophic factors and neural stem cell differentiation in a rat model of Alzheimer's disease.	Mohammad Karimipour	15	
13:30 - 15:30 Hall 7	The neuroprotective effect of Rosa damascena extract on CA1 neurons of adult rat hippocampus following ischemia	Farzaneh Moniri	8	
	Electrical stimulation in rats injured spinal cord model: Wnt, eIF2 signaling, proliferation and conversion	Meysam Ghorbani	8	
	The use of fluoro – gold for retrograde tracing of nerve after spinal cord injury treatment by transplantation of motoneuron like cells and adipose mesenchymal stem cell transfected with GDNF	Marzieh Darvishi	8	
	Revisiting the therapeutic effects of neurotrophic factors in treatment of Parkinson's disease: A closer look at the CDFN/MANF family's neurorestorative effects	Ava Nasrolahi	8	
	Cell Therapy by Bone Marrow Mesenchymal Stem Cells Transplantation for Parkinson's Disease Treatment as a Neurorregenerative Strategy	Alireza Shams	8	
	Human Mesenchymal Stem Cells Reverse Oxidative Stress-Induced Cell Death and Ameliorates Motor Function and Striatal Atrophy in Rat Models of Huntington Disease	Hossein Ahmadi	8	
	Induced Pluripotent Stem cells and neural tissue repair: where is it all going?	Saman Esmailnejad	8	
	15:30 - 16:00 Lobby	Tea and Coffee Break		

16:00 - 18:00 Hall 1	Panel: Computational modeling in Cognitive neuroscience Chairs: Farzan Nadim - Majid Nili - Reza Khosrowabadi - Mohammadreza Abolghasemi - Gholamali Hosseinzadeh		
	Keynote Lecture: Neuromodulation of oscillatory circuits in the central nervous system: Lessons from a small circuit	Farzan Nadim	30
	Computational modeling of behavior using eye tracking data	Jamal Amanirad	15
	Computational models of brain and behavior	Faramarz Faghihi	15
	Neural basis of brain computation	Mohammadreza Abolghasemi	15
	Modeling of neurodevelopment and its disorders	Reza Khosrowabadi	15
	EEG-based sleep stage classification using morphological features and Support Vector Machine	Hojat Ghimatgar	10
	Determination of Chemical Exchange Rate Utilizing Optimal RF Duration in the CEST MRI studying	Mohammadreza Rezaeian	10
	Sparse and burst spiking in artificial neural networks inspired by synaptic retrograde signaling	Faramarz Faghihi	10
16:00 - 18:00 Hall 2	Panel: Brain Reward and Stress Systems in Addiction Chairs: Saeed Semnanian - Abdolrahman Sarihi - Ameneh Rezayof - Abbas Haghparast - Esmail Riahi		
	Brain circuitry involved in the interaction between stress and reward systems	Abdolrahman Sarihi	20
	Alterations of corticolimbic synaptic plasticity in drug abuse under stress	Ameneh Rezayof	20
	Deep brain stimulation in animal models of substance use disorder	Esmail Riahi	20
	Effect of acute and chronic restraint stress on reinstatement of extinguished methamphetamine conditioned place preference in rats	Zahra Taslimi	20
	Discussion		30
16:00 - 18:00 Hall 3	Panel: Epilepsy Chairs: Javad Mirnajafizadeh - Behnam Safarpour Lima - Mahmoud Hajighasem - Marjan Asadollahi - Aidin Shariatzadeh - Marjan Asadollahi		
	Frontal lobe epilepsy: a great imitator	Marjan Asadollahi	20
	Psychogenic non-epileptic seizure	Aidin Shariatzadeh	20
	Autoimmune epilepsy	Behnam Safarpour Lima	20
	Temporal lobe epilepsy: its presentations, surgical candidates	Marjan Asadollahi	20
	Discussion		30

16:00 - 18:00 Hall 4	Panel: Sleep Neuroscience; the Evolving Perspective Chairs: Mohammad Nami - Mahshid Tahamtan - Mohammad Reza Saebipour - Anahita Khorrami Banaraki - Mohammad Nasehi		
	Sleep Disorders and Clinical Neuroscience Approaches	Mohammad Nami	15
	Sleep-Wake patterns and Insomnia	Mohammad Reza Saebipour	15
	Sleep-related semantic- and emotional-memory processing	Anahita Khorrami Banaraki	15
	Sleep Disorders and Cognitive Neuroscience Research Paradigms	Mahshid Tahamtan	15
	Employing Neural Network Methods to Label Sleep EEG Micro-arousals in Obstructive Sleep Apnea Syndrome	Mohammad Nami	15
	Introducing a new method for rat sleep deprivation: a valuable model for neuroscience studies	Faezeh Rezaei	15
	Designing and implementation of a Sleep Apnoea Treatment System based on Electrical Stimulation	Vida Mehdizadehfar	15
	Discussion		15
16:00 - 18:00 Hall 5	Panel: Cognitive Rehabilitation in Psychiatric Disorders Chairs: Mohammad Ghadirivasfi - Sara Hashempour - Leila Kamalzadeh - Shiva Soraya - Behnam Shariati - Alireza Farnam		
	Fundamentals of Cognitive Rehabilitation in Psychiatric Disorders	Leila Kamalzadeh	20
	Cognitive impairment after delirium state	Sara Hashempour	20
	Cognitive rehabilitation in substance use disorder	Shiva Soraya	20
	Cognitive rehabilitation in Alzheimer's disease	Behnam Shariati	20
	Proposing a biofeedback protocol for management of aggressive behavior in patients with major depression	Alireza Farnam	20
Discussion		20	
16:00 - 18:00 Hall 6	Workshop: Creativity, Make Ideas and Patents	M.Mohamadpour	
16:00 - 18:00 Hall 7	Workshop: transcranial Electrical Stimulation (tES) applications in Neuroscience researches	Masoud Nosratabadi	

Third Day, Friday

8:00 - 10:00 Hall 1	Panel: Intraoperative Neuro Monitoring		
	Chairs: Mohammad Taghi Joghatai - Abolfazl Rahimizadeh - Alireza Tabibkhooi - Farzad Sina - Siamak Alizadeh zendehrood - Reza Akef Yekta		
	Principles of IONM	Mohammad Taghi Joghatai	20
	IONM in spine surgeries	Abolfazl Rahimizadeh	20
	IONM in brain surgeries	Alireza Tabibkhooi	20
	Protecting nerves during surgery	Farzad Sina	10
	Anesthesiology of IONM	Reza Akef Yekta	10
	IONM Hemodynamic and Techniques in IONM	Ali Shahbazi Siamak Alizadeh Zendehrood	10 10
Discussion		20	
8:00 - 10:00 Hall 2	Panel: Neurocognitive Rehabilitation (with focus on executive functions)		
	Chairs: S. Kazem Malakouti - Peyman Hasani Abharian - Melahat Akbarfahimi - Anahita Khorammi - Javid Peymani - Reza Rostami		
	Neurocognitive Rehabilitation of Working Memory	Melahat Akbarfahimi	20
	Neurocognitive Rehabilitation of Attention	Anahita Khorammi	20
	Neurocognitive Rehabilitation of Decision Making	Peyman Hassani-Abharian	20
	Neurocognitive Rehabilitation of Emotion (Emotion Regulation)	Javid Peymani	20
	An overview of simultaneous TMS-EEG	Reza Rostami	20
	The efficacy of word retrieval treatment in Primary Progressive Aphasia: A Single-case Study	Salimeh Jafari	10
Effect of exercise training on autonomic balance assessed by heart rate variability in patients with heart failure after percutaneous coronary intervention	Zahra Rojhani Shirazi	10	
8:00 - 10:00 Hall 3	Panel: 10 Golden Rules to Have a Successful MSc or PhD Dissertation in the Field of “Brain and Cognition”		
	Chairs: Hamed Ekhtiari - Tara Rezapour - Afzal karimi		
	10 Golden Rules to Have a Successful Dissertation	Hamed Ekhtiari	50
	My Thesis Project: Challenges and Outcomes	Tara Rezapour	30
	Concluding Remarks	Hamed Ekhtiari	10
Discussion		30	

10:00 - 10:30 Lobby	Tea and Coffee Break		
10:30 - 12:30 Hall 1	Debate: Yes No		
10:30 - 12:30 Hall 2	Workshop: Clinical applications of brain magnetic stimulation (TMS & rTMS), latest evidence and findings (Sponsored by Farmed Tajhiz Co.)		Hamed Ekhtiari
10:30 - 12:30 Hall 3	Panel: Advanced Statistical Methods in Probabilistic Computational Cognitive Science Chairs: S. Abbas Motavalian - Farzaneh Safavimanesh - Morteza Najibi - Arash Zare Sadeghi		
	Modeling Random Nature of Brain Connectivities Using Stochastic Spatio-Temporal Processes	Farzaneh Safavimanesh	30
	Discovering Brain Parcellation Using Collective Density Estimation Approach	Morteza Najibi	30
	Using Bayesian Model Selection and Averaging to Compare Directed Time- variable Brain Networks	Arash Zare Sadeghi	30
	Discussion		30
12:30 - 13:30 Hall 1	Closing Ceremony & Awards Announcement		