MINISTRY OF HEALTH OF RUSSIAN FEDERATION
SAMARA STATE MEDICAL UNIVERSITY
SAMARA REGION DEPARTMENT OF INFORMATION TECHNOLOGIES
SAMARA REGION INNOVATIVE CLUSTER OF MEDICAL TECHNOLOGIES
NEURONET INDUSTRIAL UNION
HEALTHNET INFRASTRUCTURE CENTER
IT UNIVERSE LTD

THE 6TH INTERNATIONAL CONFERENCE BCI: SCIENCE AND PRACTICE. SAMARA 2020

and the satellite conference

NEUROSCIENCE FOR COGNITIVE HEALTH AND HEALTHY LONGEVITY

AGENDA

Reports and papers of the **BCI: Science & Practice. Samara 2020** and **Neuroscience for Cognitive Health and Healthy Longevity** conferences are given in English or Russian and published in English.

Scientific events of both conferences take place online **on 7 - 9 October 2020** from **10:00 to 20:00 Samara time (GMT +4).**

Events **of Samara NeuroWeek 2020** take place online and offline on different times **on 7 - 11 October 2020** from **10:00 to 21:00 Samara time (GMT +4).** For details please refer to Samara NeuroWeek timetable.

The conference **BCI:Science & Practice. Samara 2020** is supported by the Department of Information Technology of the Samara Region and the Office of Digital Development of Samara Region

The conference **Neuroscience for Cognitive Health and Healthy Longevity** is funded and organized by the Healthnet Infrastructure Center and the Skoltech's Center for Neurobiology and Brain Restoration.

Доклады и материалы конференций **НКИ: Наука и практика. Самара 2020** и **Нейронаука для когнитивного здоровья и активного долголетия** читаются на английском или русском и издаются на английском языке.

Научные мероприятия двух конференций проходят онлайн **7 - 9 октября 2020 года с 10:00 до 20:00 по Самарскому времени (GMT +4).**

Мероприятия **Самарской недели нейронауки и нейротехнологий 2020** проходят онлайн и офлайн согласно расписанию **с 7 по 11 октября 2020 года с 9:00 до 21:00 по Самарскому времени (GMT +4).**

Конференция **НКИ: Наука и практика. Самара 2020** проводится при поддержке Департамента информационных технологий Самарской области и Офиса цифрового развития Самарской области

Конференция **"Нейронаука для когнитивного здоровья и активного долголетия"** организуется и финансируется Инфраструктурным центром Хелснет и Центром Нейробиологии и нейрореабилитации Сколтеха**.**

BCI: Science & Practice. Samara 2020
Agenda

Wednesday, 7 October

Samara Time	GMT Time	Talk	Доклад
10:00 – 10:05		Greetings from the **Government of Samara Region**	Приветствие от **Правительства Самарской области**
10:05 – 10:20		**In Remembrance of Alexander Frolov** **Alexander Kolsanov** (Head of SamSMU, Russia) SamSMU 101: what we achieved?	**Минута молчания памяти А.А.Фролова** **Александр Колсанов** (ректор СамГМУ, Россия) СамГМУ - 101. Что сделано за год
Plenary session. Part I Moderator: **Christoph Guger**			
10:20 – 10:45		**Seong-Whan Lee** (Korea University) Speak Out Your Mind: Brain to Speech System Using Imagined Speech	**Сан-Ван Ли** (Университет Кореи) “Скажи, что у тебя на уме”: преобразование мысли в слово с использованием воображаемой речи
10:45 – 11:10		**Junichi Ushiba** (Keio University, Japan) Neurorehabilitation with Brain-Computer Interface in post-stroke shoulder and finger motor functions	**Джуничи Ушиба** (Университет Кейо, Япония) Постинсультная реабилитация плеча и кисти с помощью интерфейсов мозг-компьютер
11:10 – 11:35		**Alexey Ossadtchi** (NRU HSE, Russia) TBA	**Алексей Осадчий** (НИУ ВШЭ, Россия) Тема будет объявлена позже
11:35 – 12:00		**Sergei Shishkin** (MEG Center, Moscow State University of Psychology and Education, Russia) Consciousness sets limits to brain-computer interfaces	**Сергей Шишкин** (МЭГ-центр, Московский государственный психолого-педагогический университет, Россия) Сознание ограничивает интерфейсы мозг-компьютер

12:00 - 12:15		Coffee-break	Кофе-брейк
12:15 – 12:40		**Vadim Nikulin** (Max Planck Institute, Germany) Neurophysiological predictors of BCI performance	**Вадим Никулин** (Институт Макса Планка, Германия) Нейрофизиологические предикторы эффективности ИМК
12:40 - 13:05		**Alexander Kaplan** (MSU, Russia) Current trends in the development of brain-computer interface technologies	**Александр Каплан** (МГУ, Россия) Современные тренды в развитии технологий интерфейсов мозг-компьютер
13:05 - 13:30		**Mark Shtark** (Institute of Molecular Biology and Biophysics FRC FTM, Russia) What is desirable to know to “inspire” ideomotorics - the main aspect of brain-computer interface	**Марк Штарк** (НИИ молекулярной биологии и биофизики Сибирского отделения РАМН, Россия) Что нужно знать, чтобы “вдохновить идеомоторику” - главный аспект интерфейса мозг-компьютер
14:00 – 16:00		Poster session The virtual exhibition is open from 14:00 to 16:00	Постерная сессия С 12:00 до 14:00 работает виртуальная выставочная экспозиция
Plenary session. Part II Moderator: **Junichi Ushiba**			
16:00 - 16:25		**Christoph Guger** (gtec, Austria) BCIs for the rehabilitation, brain assessment and functional mapping	**Кристоф Гугер** (gtec, Австрия) ИМК для реабилитации, оценки мозга и функционального картирования
16:25 - 16:50		**Mikhail Lebedev** (NRU HSE, Russia) Neuronal dynamics: what rotates and why?	**Михаил Лебедев** (НИУ ВШЭ, Россия) Нейрональная динамика: что вращается и почему?
16:50 - 17:15		**Peter Brunner** (Washington University School of Medicine in St. Louis, USA) Adaptive Neurotechnologies that Interact with the Nervous System	**Петер Брюннер** (Медицинская школа Университета Вашингтона в Сент-Луисе, США) Адаптивные нейротехнологии, которые взаимодействуют с нервной системой

17:15 - 17:40		**Sliman Bensmaia** (University of Chicago) A biomimetic approach to artificial touch	**Слиман Бенсмайа** (Университет Чикаго) Биомиметический подход к искусственному прикосновению
17:40 - 18:05		**Lee Miller** (Northwestern University, USA) Adapting Brain Computer Interfaces to real world behaviors	**Ли Миллер** (Северо-Западный университет, США) Адаптация интерфейсов мозг-компьютер к реальному поведению
18:05 – 18:45		**Jonathan Wolpaw** (National Center for Adaptive Neurotechnologies, USA) TBA	Джонатан Уолпоу (Национальный центр адаптивных нейротехнологий, США) Тема будет объявлена позже
19:00		The Online NeuroBar is open	Открыт онлайн-Нейробар

<u>Thursday, 8 October</u>

10:00 – 12:00		Symposium **Brain-computer interfaces: from signal processing through neurophysiology to clinical applications** Part 1 Directed by **Aleksander Khramov** (Innopolis University, Russia)	Симпозиум **“Интерфейсы мозг-компьютер: от обработки сигналов через нейрофизиологию к клиническому применению”** Часть 1 Ведущий - **Александр Храмов** (Университет Иннополис, Россия)
12:00 – 12:30		Break	Перерыв
12:30 – 15:30		Symposium **Brain-computer interfaces: from signal processing through neurophysiology to clinical applications** Part 2 Directed by **Denis Kuleshov** (Sensor Tech Lab, Russia)	Симпозиум **“Интерфейсы мозг-компьютер: от обработки сигналов через нейрофизиологию к клиническому применению”** Часть 2 Ведущий - **Денис Кулешов** (лаборатория Сенсор-Тех, Россия)
15:30 – 17:30		Poster session The virtual exhibition is open from 16:00 to 18:00	Постерная сессия С 16:00 до 18:00 работает виртуальная выставочная экспозиция

17:30 – 20:00		Symposium **Brain-computer interfaces: from signal processing through neurophysiology to clinical applications** Part 3 Directed by **Brendan Z. Allison** (UC San Diego, USA)	Симпозиум **“Интерфейсы мозг-компьютер: от обработки сигналов через нейрофизиологию к клиническому применению”** Часть 3 Ведущий - **Брендан З. Аллисон** (Университет Калифорнии в Сан Диего, США)

<u>Friday, 9 October</u>

10:00 – 11:30		Workshop (in Russian) Review of International Consensus on the reporting and experimental design of neurofeedback studies Directed by **Olga Bazanova** (Institute of Physiology and Basic Medicine, Russia)	Воркшоп (на русском языке) Обзор современных международных требований к экспериментальному дизайну исследований нейробиоуправления и публикации результатов Ведущая - **Ольга Базанова** (Институт физиологии и фундаментальной медицины, Россия)
11:30 – 13:00		Workshop (in Russian) Navigated and non-navigated TMS diagnostic and therapeutic capabilities in stroke Directed by **Maria Nazarova** (NRU HSE Russia)	Воркшоп (на русском языке) Диагностические и терапевтические возможности ТМС при инсульте и их расширение с помощью МРТ навигации Ведущая - **Мария Назарова** (НИУ ВШЭ, Россия)
13:00 – 13:00		Break	Перерыв
13:30 – 15:00		Workshop TBA	Воркшоп Тема будет объявлена позже
14:30 – 16:00		Break	Перерыв
16:30 – 18:00		Panel discussion Theme and panelists TBA Moderator - **Yannick Roy** (University of Montreal, Canada)	Панельная дискуссия Тема и участники будут объявлены дополнительно. Модератор - **Яник Рой** (Университет Монреаля, Канада)

18:00 – 20:00		**Poster session** Virtual exhibition is open from 18:00 to 20:00	**Постерная сессия** С 18:00 до 20:00 работает виртуальная выставочная экспозиция
20:00		The Online NeuroBar is open	Открыт онлайн-Нейробар

Saturday, 10 October

11:00 – 12:30		Workshop (in Russian) Soft skills for a scientist: when knowledge is not enough Directed by **Viktoria Korzhova** scientific career consultant, PhD in Neuroscience (Product People)	Воркшоп (на русском языке) Soft skills для ученого: когда знаний не достаточно Ведущая - **Виктория Коржова,** консультант по научной карьере, PhD in Neuroscience (Product People)
12:30 – 14:00		Workshop (in Russian) Scientific communication for scientists: how to share your research with the world Directed by **Yana Dolzhanskaya,** Curator of the Scientific Communication Workshop of the Summer School (BIOCAD)	Воркшоп (на русском языке) Научная коммуникация для ученых: как рассказать о своем исследовании всему миру Ведущая - **Яна Должанская**, куратор Мастерской научной коммуникации Летней школы (BIOCAD)
12:30 – 13:00		Break	
14:30 – 16:00		Seminar (in Russian) **What is not in our textbooks: new paradigms of neuroscience that a medical student needs to know** Directed by **Alexey Paevsky** (NTI Center of Competence for New and Mobile Energy Sources at Institute for Problems of Chemical Physics of RAS, Neuronovosti.Ru)	Семинар (на русском языке) «Чего нет в учебниках»: новые парадигмы нейронаук, которые нужно знать студенту-медику. Ведущий - **Алексей Паевский** (Центр Компетенций НТИ "Новые и мобильные источники энергии" при ИПХФ РАН, Neuronovosti.ru)
20:30		The Online NeuroBar is open	Открыт онлайн-Нейробар

APPENDIX I
BCI: Science & Practice. Samara 2020
Symposiums and poster reports

Symposium
Brain-computer interfaces:
from signal processing through neurophysiology to clinical applications

Part 1
directed by Alexander Hramov
8 October, 10:00-12:00 Samara time (GMT+4)

№	Authors and Affiliation	Report Title
1	Elena Pitsik, Nikita Frolov, K. Hauke Kraemer, Vadim Grubov, Vladimir Maksimenko, Jürgen Kurths, Viktor B. Kazantsev, and Alexander Hramov. Innopolis University, Russia	Recurrence quantification analysis for EEG signal study.
2	Anastasia O. Ovchinnikova, Anatoly N. Vasilyev, Ivan P. Zubarev, Bogdan L. Kozyrskiy, Sergei L. Shishkin Laboratory for Neurocognitive Technologies, NRC Kurchatov Institute, Moscow, Russia; MEG Center, Moscow State University of Psychology and Education, Moscow, Russia	Detection of intentional eye fixations by convolutional neural networks applied to fixation-related magnetoencephalogram
3	Cédric Simar, Nichita Bozga, Axelle Leroy, Ana-Maria Cebolla, Gianluca Bontempi and Guy Cheron Lab. Neurophysiology and Movement Biomechanics, Neuroscience Institut, Université Libre de Bruxelles (ULB), Brussels, Belgium; Computer Science Department of the ULB Machine Learning Group (MLG), Faculty of Sciences; Lab. Electrophysiology, Université de Mons-Hainaut, Mons, Belgium	Single-trial EEG Riemannian classification during checkerboard and navigational images in humans
4	Alexander Zakharov, Ekaterina Korovina, Mariya Sergeeva,Nataliya Romanchuk, Vasiliy Pyatin Samara State Medical University, Russia	Comparison of clusters of EEG channels demonstrating significant differences in the kinesthetic motor imagery of the upper and lower extremities and their dependence on sensorimotor pre-activation

5	Yulia Nurislamova, Yury Shtyrov, Mikhail Lebedev, Alexei Ossadtchi Center for Bioelectric Interfaces, NRU Higher School of Economics, Moscow, Russia	Disentangling functional pathways for visual and auditory word processing: RSA analysis of MEG data
6	Anatoly Bobe, Grigory Rashkov, Dmitry Fastovets, Maria Komarova, Ivan Tiunov Moscow Institute of Physics and Technology, Dolgoprudny, Moscow Region, Russia; Neuroassistive Technologies LLC, Moscow, Russia	Portal: environment for BCI models development
7	Lev Yakovlev, Nicolay Syrov, Alexander Kaplan Lomonosov Moscow State University, Russia	How to enhance sensorimotor performance in e-sports: e-boi first experience
8	Andrey N. Volobuev Samara State Medical University, Russia	Information flows in the brain and AI: the stochastic function of the brain

Part 2
directed by Denis Kuleshov
8 October, 12:30-15:30 Samara time (GMT+4)

№	**Authors and Affiliation**	**Report Title**
1	Viktorija Dimova Technical University of Munich, Munich, Germany	ErrP Components of Self- and Agent-Related Errors in Human-Agent Collaboration
2	Maria Volodina, Nikolai Smetanin, Aleksey Aleksentsev, Olga Tyurina, Mikhail Lebedev, Alexei Ossadtchi Center for Bioelectric Interfaces, National Research University Higher School of Economics, Moscow, Russia	Meditation in masters and novices: brain activity, autonomic function, and prospective biofeedback systems
3	Svetlana Kim Lomonosov Moscow State University, Russia	Restoration of Speech Communication in Language Disorders Using BCIs

4	Alexandra Bernadotte, Ivan Menshikov, Nikolay Syrov, Lev Yakovlev, Anastasiya Bagrova, Petr Rikunov, Alexander Kaplan, Sergey Markov Sberbank, SberDevices, Experimental Machine Learning Department, Moscow, Russia; Moscow State University, Mechanics and Mathematics Faculty, Mathematical Theory of Intelligent Systems (MaTIS), Moscow, Russia.	EEG-based Silent Speech Recognition
5	Asuka Takai Department of Brain Robot Interface, Computational Neuroscience Laboratories, Advanced Telecommunications Research Institute International (ATR), Kyoto, Japan; Department of Psychology, The University of Tokyo, Tokyo, Japan; Department of Cognitive Neuroscience, Brain Information Communication Research Laboratory Group, ATR, Kyoto, Japan	Neural investigation towards motor skill improvements through brain-computer interface-based training
6	Andrei Kitaitsev, Ilya Ganin, Rafael Grigoryan, Anatoly Vasilyev, Alexander Kaplan Lomonosov Moscow State University, Russia	P300 BCI speller with human face images: the effects of stimuli variability
7	Hasan Ayaz Cognitive Neuroengineering and Quantitative Experimental Research (CONQUER) Collaborative, Drexel University; School of Biomedical Engineering, Science & Health Systems, Drexel University; Department of Psychology, College of Arts and Sciences, Drexel University; Drexel Solutions Institute, Drexel University; Department of Family and Community Health, University of Pennsylvania; Center for Injury Research and Prevention, Children’s Hospital of Philadelphia,USA	Observing the Brain-on-Task using Functional Optical Brain Monitoring
8	Alexander Pisarchik, Parth Chholak Center for Biomedical Technology, Technical University of Madrid, Spain; Innopolis University, Russia	MEG studies of voluntary and involuntary visual attention using frequency tagging

9	Nikolay Syrov, Anatoly Vasilyev, Alexander Kaplan Lomonosov Moscow State University, Russia	The effect of mirror box illusion on sensorimotor rhythms during involuntary hand movements
10	Mikhail Melnikov, Dmitriy Bezmaternykh Federal Research Center of Fundamental and Translational Medicine, Novosibirsk, Russia	Preliminary results of frontal alpha asymmetry regulation training in healthy females
11	Giovanni Mirabella Department of Clinical and Experimental Sciences, University of Brescia, Brescia, Italy; IRCCS Neuromed, Pozzilli (IS), Italy	Brain Machine interfaces must decode inhibitory control signals to produce naturalistic motor behaviors

Part 3
directed by Brendan Z. Allison
8 October, 17:30-20:00 Samara time (GMT+4)

№	**Authors and Affiliation**	**Report Title**
1	Brendan Z. Allison University of California in San Diego, USA	TBA
2	Anastasiia Belinskaia, Nikolai Smetanin, Mikhail Lebedev, Alexei Ossadtchi Centre for Bioelectric Interfaces, National Research University Higher School of Economics, Moscow, Russia	Changes in EEG patterns induced by neurofeedback: classification of learning states and effective training strategies
3	Stefan Ehrlich Chair for Cognitive Systems, Department of Electrical and Computer Engineering, Technical University of Munich, Germany	Passive BCI for assessment and adaptation of robotic systems during human-robot interaction
4	Andrey Kuznetsov, Darya Kuznetsova Samara State Medical University, Russia	Development of a rehabilitation complex based on VR technology and EMG to restore the movement of the upper limbs with the central paresis of various etiologies
5	Pavel Bobrov Institute of Higher Nervous Activity and Neurophysiology, Russia	Rehabilitation of patients with cerebral palsy using hand exoskeleton controlled by brain-computer interface

6	Alexey Paevsky NTI Center of Competence for New and Mobile Energy Sources at Institute for Problems of Chemical Physics of RAS	Power Supplies for BCIs of the future
7	Liubov Vasileva, Mikhail Lebedev, Igor Bondar Institute of Higher Nervous Activity and Neurophysiology, Moscow, Russia	Chronic brain implants for basic research and neurorehabilitation: State of the art and perspectives
8	Artur Biktimirov Far East Federal University, Russia	Perspectives of brain-controlled stimulation of the spinal cord in spinal trauma restoration
9	Yuri Ivanenko IRCCS Fondazione Santa Lucia, Italy	BCI approach based on using myoelectric signals for the control of assistive lower limb exoskeletons
10	Elizaveta Okorokova University of Chicago, USA	Invariant texture representation in a complete neural population
11	Ian Jackson, Michael Pitts, Eitan Frachtenberg Department of Psychology, Reed College, Portland, OR, USA	Classification of Imagined 3D Shapes Using a 64-Channel EEG-Based Brain-Computer Interface
12	Igor Lavrov Mayo clinic, USA	Towards spinal cord - machine interface for restoration of sensorimotor functions

Poster reports

Online poster sessions are scheduled ot:

7 October at 14:00 -16:00 Samara time (GMT+4)
8 October at 15:30-17:30 Samara time (GMT+4)
9 October at 18:00-20:00 Samara time (GMT+4)

Best posters award ceremony is scheduled on 10 October at 20:00 Samara time (GMT+4)

№	**Authors and Affiliation**	**Report Title**
1	Pavel Rudych Novosibirsk State University	DIY: Web-based stabilometrical biofeedback
2	Sergey Kravchenko FSBEI HE Kuban State Medical University, Krasnodar, Russia	Developing embodied hardware artificial neural network as neuroscience tool

3	Kovalev A.V. Lomonosov Moscow State University, Russia	Decoding finger movements from ECoG signals using recurrent neural networks
4	Ivan Basul, Nikolay Syrov, Lev Yakovlev, Alexander Kaplan, Oleg Fedchenko Lomonosov Moscow State University, Russia Game Systems LLC, Moscow. Russia	Modulation of the N2/P3 ERP complex in motor learning tasks
5	Artur Petrosyan, Mikhail Lebedev, Alexey Ossadtchi Center for Bioelectrical Interfaces, NRU HSE	Decoding neural signals and discovering their representations with a compact and interpretable convolutional neural network
6	Anastasia Paltarzhitskaya, Alexei Ossadtchi, Mikhail Lebedev Center for Bioelectrical Interfaces, NRU HSE	Tackling consciousness with brain-computer interfaces
7	Anastasia Paltarzhitskaya , Daria Kleeva, Maria Osadchaya, Mikhail Lebedev, Andriy Myachykov, Alexey Ossadtchi Center for Bioelectrical Interfaces, NRU HSE	Perception of music duration: the effect of familiarity
8	Ksenia Kozlova, Maria Mitina, Elizaveta Nikiforova, Michail Ivanov, Pavel Novikov, Vadim Nikulin, Maria Nazarova Higher School of Economics, Moscow, Russia	Motor cortex interhemispheric interactions' somatotopy – hypothesis andpilot study
9	Vladislav Aksiotis, Anastasia Belinskaya, Nikolai Smetanin, Alexei Ossadtchi Center for Bioelectrical Interfaces, NRU HSE	The importance of being fast: is low-latency neurofeedback more efficient?
10	Maria Volodina, Valentina Bulgakova, Alexey Voskoboynikov, Maria Kondratova, Mikhail Sinkin, Mikhail Lebedev, Alexei Ossadtchi Center for Bioelectrical Interfaces, NRU HSE	Active touch enabled with electrotactile stimulation
11	Gurgen Soghoyan, Nikolai Smetanin, Mikhail Lebedev, Alexey Ossadtchi	Motor BCI computational pipeline based on EEG inverse problem

	Center for Bioelectrical Interfaces, NRU HSE	
12	Mariya Sergeeva, Natalia Romanchuk, Alexander Zakharov, Vasiliy Pyatin Samara State Medical University, Russia	Neurophysiological correlates of immersion in virtual reality
13	Vitaliy Petrov, Vladimir Savinov, Stepan Botman, Viktor Sapunov, Gleb Kamyshov, Natalia Shusharina Center of Neurotechnology and Machine Learning of Immanuel Kant Baltic Federal University, Kaliningrad, Russia	Grad-CAM based EEG visualization of schizophrenia classification with CNN
14	Ivan Ninenko, Alexey Ossadtchi, Mikhail Lebedev Center for Bioelectrical Interfaces, NRU HSE	Brain-computer interface for olfaction: decoding odors from EEG
15	Ksenia Moiseeva Samara State Medical University, Russia	Neuroplasticity control by using brain-computer interface in immersive virtual reality in motor rehabilitation of post-stroke patients
16	Daria Kleeva, Alexey Ossadtchi Center for Bioelectrical Interfaces, NRU HSE	The method of detecting zero-phase coupling from MEG data
17	Yakov A. Furman, Victor V. Sevastyanov, Konstantin O. Ivanov Volga State University of Technology, Yoshkar-Ola, Russia; Centre for Speech Pathology and Neurorehabilitation, Yoshkar-Ola, Russia	Structural approach to EEG signal analysis and its implementation in a decision support system
18	Valeriia Demareva, Anastasiia Elizarova, Julia Edeleva Lobachevsky State University of Nizhny Novgorod, Nizhny Novgorod, Russia; Privolzhsky Research Medical University, Nizhny Novgorod, Russia; Friedrich Schiller University of Jena, Jena, Germany	Using eye tracking to evaluate foreign language proficiency
19	Matvey Bulat, Alexandra Karpman, Alina Samokhina, Vlad Goncharenko Skolkovo Institute for Science and Technology, Moscow, Russia	Using P300-based BCI in a VR game induces changes in cognitive functions of the healthy adults

20	Shmilovich AA, Kaplan AY, Nelyubova ES, Kolsanov AV Pirogov Russian National Research Medical University, Moscow, Russia	Preliminary results of the research of efficiency of the technique of virtual reality and iTMS for treatment of adynamic depression
21	Viktorija Dimova Technical University of Munich, Germany	ErrP Components of Self- and Agent-Related Errors in Human-Agent Collaboration (an adjuvant presentation to the oral symposium talk)

Samara NeuroWeek 2020
Events Timetable

ATTENTION! For conferences talks and sections please refer appropriate agendas

Wednesday, 7 October

14:00 – 16:00		The virtual exhibition of modern neurotechnologies is open	

Thursday, 8 October

16:00 – 18:00		The virtual exhibition of modern neurotechnologies is open	

Friday, 9 October

18:00 – 20:00		The virtual exhibition of modern neurotechnologies is open	
18:00 – 20:00		Neurotech Pitch Session (EN)	
09:00 – 18:00		Neurophysiology Olympiad	

Saturday, 10 October

09:00 – 24:00		BR41N.IO hackathon	
14:00 – 16:00		Neurotech Pitch Session (RU)	
16:00 – 18:00		Open Lectures **Aleksei Paevsky** (Neuronovosti.ru) **Sliman Bensmaia** (University of Chicago, США) **Jonathan Wolpaw** (National Center for Adaptive Neurotechnologies, USA) Speaker TBA	Открытые лекции **Алексей Паевский** (Neuronovosti.ru) **Слиман Бенсмайа** (Университет Чикаго) **Джонатан Уолпоу** (Национальный центр адаптивных нейротехнологий, США) Лектор будет объявлен позже

18:00 - 20:00		NeuroTechCup Final	
20:00 - 21:00		The award ceremony for Scientific Posters Competition, NeurotechCup Final and Neurophysiology Olympiad	
09:00 – 20:00		Ø4#< Documentary Festival	

Sunday, 11 October

09:00 – 14:00		BR41N.IO hackathon	
14:00 – 20:00		BR41N.IO presentations and ceremonies	
09:00 – 20:00		Ø4#< Documentary Festival	