



Brain Innovation Days

13-14 October 2020
Brussels, Belgium

Disrupt and Rewire: How Brain Innovation is changing Europe

APPLICATION GUIDELINES

1. Who can apply?

Abstracts can be submitted by all players in the brain ecosystem and by those interested in Brain Innovation. We are looking forward to contributions from

- Innovators/start-ups
- Industry
- Researchers
- Patients/patient representatives
- Academics
- Funders
- Businesses
- Healthcare professionals
- Policymakers ...

Out of fairness to the community, we would kindly ask you to submit only one application (for one session under one topic)

2. What session formats are available and under what topics?

SESSION TOPICS

Your session should address one of the following topics

1. The Brain and The Machine



Is your brain a machine? Are machines intelligent? Can they think? Nowadays, we can connect our brains to technologies through artificial intelligence, robots, and brain computer interfaces. But can they help to overcome our human limitations?

Keywords: Aging; Artificial Intelligence; Behaviour; Biofeedback; Bionics; Brain Computer Interface; Brain Imaging; Brain Machine Interface; Clinical Decisions; Cognition; Computation; Consciousness; EEG; Intelligence; Machine Learning; Memory; Model; Monitoring; Motor Disorder; Motor Rehabilitation; Neurofeedback; Neurophysiology; Neuromorphic; Neurosurgery; Parkinson; Regulation; Robotics; Robotic Arm; Sensory; Stroke; Simulation; Technologies; Virtual reality.

2. United for brain innovation



Costs of brain diseases are increasing. The brain is still a mystery and its complexity hinders the pace of innovation. How can partnerships accelerate the translation of our huge amounts of knowledge into novel interventions and improve the lives of millions of brain patients and of our society as a whole?

Keywords: Advocacy; Association; Barriers; Biotech; Brain Projects and Initiatives; Business; Caregivers; Challenges; Clinicians; Community; Coordination; Decision-Making; Engagement; Europe; Exploitation; Families; Funders; Future; Global; Government; Industry; Infrastructure; Innovation; Investment; Hospital; Multi-stakeholder; Neurology; Opportunities; Pandemic; Partnerships; Patients; Pharmaceutical Companies; Psychiatry; Public Institutions; Public-Private; Research; Science; SME's; Stakeholders; Start-ups; Society; Streamline; Telemedicine; Telemonitoring; Value;

3. Personalised brain care for all?



There is no such thing as a one-size-fits-all approach to brain health. Considering the side effect of common brain health interventions, how can we provide more personalised healthcare? Is precision medicine the future of brain health?

Keywords: *Alzheimer; Artificial Intelligence; Biomarkers; Brain Disorders; Clinical Trial; Co-morbidity; Detection; Digital Tool; Early Diagnosis; Electronic Medical Records; Environment; Epigenetics; Genetic testing; Health Literacy; Monitoring; Multiple Sclerosis; Neurology; Patient Care; Patient Pathways; Patient Stem Cell Models; Patient Stratification; Personalized Healthcare; Precision Medicine; Prediction; Prediction Algorithms; Pre-Symptomatic Stage; Prevention; Progression Markers; Psychiatry; Side Effects; Targeted Therapies; Therapeutic Response; Treatment.*

4. Creative brain interventions



From medication to meditation, new pharmaceutical and non-pharmaceutical interventions are continuously popping up to treat brain diseases. How can they be combined? Novel technologies provide hope for more effective therapies.

Keywords: *Administration Modes; Aging; Anxiety; Application; Autism; Blood-Brain-Barrier; Brain-Body; Brain Health; Brain Stimulation; Clinical Trial; Cognition; Dementia; Depression; Device; Digital Health; Digital Therapeutics; Drugs; EEG; Emotion; Epilepsy; Exosomes; Headache; Home; Inflammation; Intervention; Lifestyle; Markers; Market Access; Medication; Mental Health; Migraine; Mindfulness; Molecules; Multiple Sclerosis; Nano Medicine; Neurofeedback; Neurophysiology; Neuromodulation; Neuroprotection; Neurorehabilitation; Neurostimulation; Optoelectronics; Parkinson; Plasticity; Psychotherapy; Quality of Life; Resilience; Schizophrenia; Sleep; Social; Spray; Stress; Stroke; TBI; Tele-monitoring; Telemedicine; Therapy; Training; Treatment; Wellbeing*

5. Societal and (neuro)ethical responsibilities



Rapid advances in neuroscience, diagnosis and interventions of brain diseases raise critical questions. How do we decide how far to go? How do we ensure that brain innovations will help and not harm society? How will they be accessible to those who need them? How to protect and use personal data collected by these technologies?

Keywords: *Access; Capacity; Challenges; Community; Cost; Data; Data Sharing; Decisions; Diversity; Equality; Ethics; Gender; Good Practice; Good Use; Governance; Health System; Implications; Infrastructure; Neuro-Ethic; Neuro-Marketing; Opportunities; Pandemic; Patients; Patient Needs; Privacy; Protection; Quality Assurance; Reflection; Regulation; Resilience; Responsibility; Risk; Sharing; Social; Society; Transformation; Validation.*

SESSION FORMATS

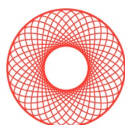
You can apply for 2 types of sessions:

1. Breakout session



Breakout session will consist of stakeholder-led parallel working groups dedicated to exploring a particular topic or issue in detail in an informal, hands-on way. Each breakout session can accommodate up to 100 attendees at one time. Their duration spans from 60 to 90 minutes and can take several formats (panel, world café, brainstorming...)

2. Agora session



Agora sessions will feature 15-minutes mini sessions from industry innovators, start-ups, and other key members of the brain innovation ecosystem. Industry and community-led and featured in the exhibition space, they can accommodate a limited number of attendees in a more relaxed and informal setting.

3. How should I fill out the application form?

WITH TIPS

Choose the one (entry point). The first step to start the application process is designate the session organiser. This person will be the contact point from the applying organisation who will be responsible for the submission as well as for all communications with the Brain Innovation Days secretariat.

Think it once, think it twice, think it thrice. Engage your team in a thorough brainstorming on the topic and format of the session. Not all session formats are created equal and it is important to find the right medium to convey your message. Pay close attention to this year's topics and see how your proposed session fits with them.

Keep it fresh. Do not forget that your session must be innovative and present new ideas, products or concepts, so reusing previous materials/conference formats should be avoided.

Contact potential speakers and get them aboard early. A varied and interesting panel of speakers will increase your chances to be selected. We suggest limiting the number of speakers per organisation to one.

Think about the box (of your community). Brain Innovation Days are all about making connections happen. Cross-cutting sessions which interest the community at large will have a higher chance to be retained.

Brain Innovation Days, a shared effort. We count on you to help us spread the word on the Brain Innovation Days and help reach a wider community of interest, make these connections happen, and guarantee that your session is a success.

4. How will the sessions be evaluated?

SESSION QUALITY CRITERIA

Your session must be original and should not have been organised during past conferences/events.

Your session needs to respond to the following Brain Innovation Days quality criteria:

1. **Brain innovation:** How is your session relevant to brain innovation?
2. **Diversity of perspectives:** Your sessions should offer the audience a variety of perspectives and be of interest to several stakeholders in the brain area (i.e., researchers, patients, clinicians, industry, policy makers, etc.).
3. **Evidence-based:** Facts, data and results demonstrated in your session should be evidence-based. References and links to the methodology and results of the evidence need to be presented during the session.
4. **Contribution to conference topics:** Your session must demonstrate its importance to the chosen topic category.

Pay particular attention to the panel. A good panel should be composed of:

- 1 Organiser, 1 co-organiser and max. 4 speakers per session. (The Chair and Co-Chair may be chosen from the Speakers.)
- No more than two Speakers of the same nationality.
- Prior to submission, the session organiser should ask for the preliminary availability of every Speaker in their session.

5. Who will decide upon the results?

SESSION REVIEWS AND RESULTS

Your session will be reviewed by the members of BID's review committee. Only the session organiser will receive notification of the final BID's Review Committee decision and is responsible for communicating the result to all other Chairs and Speakers.

6. Timeline of session submissions

- 1 August 2020, 12PM CET: Deadline for submission of sessions.
- End of August 2020: The session organisers will be notified about the decision of BID's review committee.
- 3 September 2020: Abstracts will be available in the online BID programme.
- 13-14 October 2020: Sessions will take place during the Brain Innovation Days

Further information

If you have additional questions, please contact the Brain Innovation Days Secretariat at bid@braincouncil.eu.

More information on the event is available on the website www.braininnovationdays.eu.