Organized by IMK Institute for medicine and communication Ltd

5th OHBM Alpine Chapter Symposium

Friday, October 25, 2019 | 08:30-17:30
SwissTech Convention Center, EPFL | Lausanne

- Multiple Sclerosis
- Imaging of Sleep and Neurodegenerative Disorders
- Stroke and Neurovascular Diseases
- Keynote Lecture
- New Brain Stimulation Methods for Therapy
- Advanced Brain Tumor Imaging

sfcns2019.congress-imk.ch
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Speaker, Location</th>
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<tbody>
<tr>
<td>08:00-08:30</td>
<td>Registration</td>
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<tr>
<td>08:30-08:45</td>
<td>Opening Symposium</td>
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<td>Christoph Stippich, Zurich, CH</td>
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<tr>
<td>08:45-09:45</td>
<td>Session I</td>
<td>Multiple Sclerosis and Related Disorders</td>
<td>Chair: Christian Enzinger, Graz, AT</td>
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<td>08:45-09:05</td>
<td>New Avenues to Functional Connectivity Analyses</td>
<td>Menno Schoonheim, Amsterdam, NL</td>
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<td>09:05-09:25</td>
<td>Improvements in Assessing Gray and White Matter Volume Changes on Brain MRI</td>
<td>Marco Battaglini, Siena, IT</td>
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<td>09:45-10:45</td>
<td>Session II</td>
<td>Imaging of Sleep and Neurodegenerative Disorders</td>
<td>Chairs: Elke Giszewski, Innsbruck, AT</td>
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<td>09:45-10:00</td>
<td>Morphometry of Movement Disorders</td>
<td>Christian Rummel, Bern, CH</td>
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<td>10:00-10:15</td>
<td>Imaging in neurological sleep disorders</td>
<td>Stefani Ambra, Innsbruck, AT</td>
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<td>10:15-10:30</td>
<td>Advances of UHF in Neurodegenerative Disorders</td>
<td>Elke Giszewski, Innsbruck, AT</td>
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<td>10:30-10:45</td>
<td>Parkinson's Disease and Rem-Sleep Disorders</td>
<td>Panagiotis Bargiotas, Bern, CH</td>
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<td>10:45-11:15</td>
<td>Coffee break</td>
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<td>11:15-12:00</td>
<td>Keynote Lecture I</td>
<td>Clinical Effects of Current Electrophysiological Brain Stimulation</td>
<td>Mark Hallett, Washington, US</td>
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<td>12:00-13:00</td>
<td>Session III</td>
<td>Cutting Edge Neuromodulation</td>
<td>Chairs: Roland Beisteiner, Vienna, AT</td>
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<td>12:00-12:30</td>
<td>Ablation and Blood Brain Barrier Therapy with Focused Ultrasound</td>
<td>Andres Lozano, Toronto, CA</td>
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<td>12:30-12:45</td>
<td>Non-Lesional Neuromodulation with Ultrasound</td>
<td>Roland Beisteiner, Vienna, AT</td>
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<td>12:45-13:00</td>
<td>Focused Ultrasound Neuromodulation in Acute and Chronic Disorders of Consciousness</td>
<td>Martin M. Monti, Los Angeles, US</td>
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<td>13:00-14:00</td>
<td>Lunch</td>
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**Session IV | Advanced Brain Tumor Imaging**
Chair: Christoph Stippich, Zurich, CH

14:00-15:00
- **Multimodal Imaging and Advanced Image Analysis of Gliomas**
  Benedikt Wiestler, Munich, DE
- **Application of Deep Learning and Radiomics in Brain Tumor Imaging**
  Philipp Kickingereder, Heidelberg, DE
- **Brain Tumor Metabolism in MR-Spectroscopy**
  Elke Hattingen, Frankfurt, DE

**Free communications I**
Chair: Elke Giszewski, Innsbruck, AT

15:00-16:00
- **Effects of Transcranial Pulse Stimulation with Ultrasound (Tps) on Somatosensory Evoked Potentials in Humans**
  Eva Matt, Vienna, AT
- **fMRI in Patients? Vascular Pathophysiological Effects Exampled on a Human Translational Model**
  Marco Piccirelli, Zurich, CH
- **Fast and Direct Estimation of Human Brain Morphometry via Deep Learning**
  Michael Rebsamen, Bern, CH
- **Deep Learning Based Detection and Localization of Intracranial Aneurysms in Digital Subtraction Angiography**
  Manoj Mannil, Zurich, CH
- **Hippocampal Subfields and Psychiatry**
  René Seiger, Vienna, AT
- **Microstructure of the Thalamus in Early Psychosis and Chronic Patients Based on Diffusion Weighted Magnetic Resonance Imaging**
  Yasser Alemán-Gómez, Lausanne, CH

16:30-17:30
**Free communications II**
Chair: Anja Ischebek, Graz, AT

16:30-17:00
- **Age- and Gender Effects on Brainstem MR-Planimetry**
  Stephanie Mangesius, Innsbruck, AT
- **Graph-Based Analysis of the Change of the Resting State Connectivity Networks Under the Open Monitoring Meditation**
  Sergiy Pereverzyev Jr., Innsbruck, AT
- **Flexible Use of Emotional Resources in Resilient Emerging Adults – An fMRI Study**
  Christian Siedentopf, Innsbruck, AT
17:00-17:10  The Influence of Daily Caffeine Consumption on Human Brain Morphometry and Cognition
Yu-Shiuan Lin, Basel, CH

17:10-17:20  Supra- and Infratentorial Atrophy Following Clinically Isolated Syndromes: a 30-Year Follow-Up Study
Lukas Haider, London, UK

17:20-17:30  Neuropsychological Profile in a Patient with Coffin-Siris-Syndrom: a Case Report
Nina Bechtel, Basel, CH

17:30  Discussion and Closing Remarks
Christoph Stippich and all chairs

GENERAL INFORMATION

Confirmation of participation
Please note that confirmations of participation for the OHBM Alpine Chapter Symposium will only be issued to those who have explicitly registered for the symposium.

<table>
<thead>
<tr>
<th>Physicians, psychologists &amp; residents</th>
<th>Regular and onsite</th>
<th>Combination with SFCNS Imaging Course</th>
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<tbody>
<tr>
<td>Students</td>
<td>150</td>
<td>250</td>
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<tr>
<td>Students</td>
<td>70</td>
<td>100</td>
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Fees in CHF

Membership
An Alpine Chapter membership (via the organisation platform oegfmrt.org) allows up to 50% discount.

Registration
For further information, please consult the website sfcns2019.congress-imk.ch

Credits
Swiss Society of Radiology (SGR): 8 credits
European Accreditation Council for Continuing Medical Education (EACCME): requested

Cancellation Policy
IMK must be informed about cancellations in writing until August 31, 2019. 50% of the congress fees will be reimbursed. After August 31, 2019 no refunds can be made.

Professional Congress Organizer (PCO)
IMK Institute for medicine and communication Ltd.
Münsterberg 1 | CH-4001 Basel
+41 61 561 53 53
www.imk.ch | congress@imk.ch

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