<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:15</td>
<td>Neural dynamics and cognition&lt;br&gt;Priya Rajasethupathy&lt;br&gt;Rockefeller University, USA</td>
</tr>
<tr>
<td>16:45</td>
<td>to be selected</td>
</tr>
<tr>
<td>17:15</td>
<td>Keynote lecture: To sense and decide&lt;br&gt;Tatyana Sharpee&lt;br&gt;The Salk Institute, USA</td>
</tr>
<tr>
<td>21:00</td>
<td>BonnBrain³ Party&lt;br&gt;(organized by BIGS neuroscience)</td>
</tr>
</tbody>
</table>

**DAY 3 – Wednesday 21. August**

**BMZ Venusberg Campus 1,**

**53127 Bonn**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Keynote lecture: Neurobiology of social motivation&lt;br&gt;Camilla Bellone&lt;br&gt;University Geneva, Switzerland</td>
</tr>
<tr>
<td>10:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td></td>
<td><strong>Session States</strong></td>
</tr>
<tr>
<td>10:30</td>
<td>Imaging brain states underlying behavior&lt;br&gt;Manuel Zimmer&lt;br&gt;University of Vienna, Austria</td>
</tr>
<tr>
<td>11:00</td>
<td>Cortical circuits for goal-directed cross-modal transfer learning&lt;br&gt;Sami El-Boustani, University Geneva, Switzerland</td>
</tr>
<tr>
<td>11:30</td>
<td>The circadian, feed-forward regulation of hunger&lt;br&gt;Amelia Douglass&lt;br&gt;Harvard Medical School, USA</td>
</tr>
<tr>
<td>12:00-13:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>13:30</td>
<td>to be selected</td>
</tr>
<tr>
<td>13:45</td>
<td>to be selected</td>
</tr>
<tr>
<td>14:00</td>
<td>to be selected</td>
</tr>
</tbody>
</table>

**Session Behavior**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:15</td>
<td>Neural circuits for cooperation and communication&lt;br&gt;Alison Barker, Max Planck Institute for Brain Research, Germany</td>
</tr>
<tr>
<td>14:45</td>
<td>Neural circuits for interactive communication&lt;br&gt;Michael Long, New York University, USA</td>
</tr>
<tr>
<td>15:15</td>
<td>Memory and decision of navigational goals&lt;br&gt;Hiroshi Ito, Max Planck Institute for Brain Research, Germany</td>
</tr>
<tr>
<td>15:45</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>16:15</td>
<td>Keynote lecture: The Geometry of Decision-Making&lt;br&gt;Iain Couzin, Max Planck Institute of Animal Behavior, Germany</td>
</tr>
</tbody>
</table>

**Talks from selected abstracts**

19.08.–21.08.2024
Dear colleagues,

We are excited to announce the upcoming 7th Bonn Brain³ meeting, hosted by the Rheinische Friedrich-Wilhelms-Universität Bonn, in collaboration with the German Center for Neurodegenerative Diseases (DZNE) and the Max Planck Institute for Neurobiology of Behavior – caesar.

The meeting will be kicked-off at the LVR – Landesmuseum Bonn for Archeology, Culture and Arts and continue at the Venusberg Campus of the University Clinic Bonn.

Scientific Organizers

Ilona Grunwald Kadow
University of Bonn, Medical Faculty

Jason Kerr
Max Planck Institute for Neurobiology of Behaviour – caesar

Jan Gründemann
German Center for Neurodegenerative Diseases (DZNE)

Sabine Krabbe
German Center for Neurodegenerative Diseases (DZNE)

Program

DAY 1 – Monday 19 August
LVR Museum, Colmantstraße 14-16, 53115 Bonn

09:20 – 12:30
Young Investigator Research Symposium
09:20
Welcome by BIGS Neuroscience
09:30
Session 1 (with 5 talks by young scientists)
10:45
Break
11:15
Session 2 (with 5 talks by young scientists)
12:30
Award Ceremony
13:00-15:00
Neuroscience PI business meeting
(future conferences, iBehave and proposals)
13:00-15:00
Registration, Coffee Break
17:00
Keynote lecture:
Large Brain Neuroscience in Elephants
Michael Brecht
Humboldt University, Berlin, Germany
18:00 – 23:00
Poster and Networking Session
(accompanied by music, drinks and finger food; museum visits)

DAY 2 – Tuesday 20 August
BMZ Venusberg Campus 1, 53127 Bonn

9:00
Keynote lecture: Connectomics
Moritz Helmstaedter
Max-Planck-Institute, Frankfurt, Germany

10:00
Coffee Break

Session Evolution

10:30
Evolution of neural circuits in Drosophilids
Lucia Prieto-Godino
The Francis Crick Institute, UK

11:00
Neural mechanisms of multimodal communication in the budgerigar
Jesse Goldberg
Cornell University, USA

11:30
The evolutionary origin of neuronal cell types
Maria Tosches
Columbia University, USA

12.00 – 14:00
Lunch

Session Computation and Talks from selected abstracts

14:00
to be selected
14:15
to be selected
14:30
to be selected
14:45
Schema formation in non-human primates
Adrienne Fairhall
University of Washington, USA

15:15
Neural dynamics
Joshua Dudmann
Janelia Research Campus, USA

15:45
Coffee Break