

16:15

Neural dynamics and cognition

Priya Rajasethupathy
Rockefeller University, USA

16:45

to be selected

17:15

Keynote lecture: To sense and decide

Tatyana Sharpee
The Salk Institute, USA

21:00

BonnBrain³ Party

(organized by BIGS neuroscience)

DAY 3 – Wednesday 21. August

BMZ Venusberg Campus 1,
53127 Bonn

9:00

Keynote lecture: Neurobiology of social motivation

Camilla Bellone,
University Geneva, Switzerland

10:00

Coffee Break

Session States

10:30

Imaging brain states underlying behavior

Manuel Zimmer
University of Vienna, Austria

11:00

Cortical circuits for goal-directed cross-modal transfer learning

Sami El-Boustani,
University Geneva, Switzerland

11:30

The circadian, feed-forward regulation of hunger

Amelia Douglass,
Harvard Medical School, USA

12.00-13:30

Lunch

Talks from selected abstracts

13:30

to be selected

13:45

to be selected

14:00

to be selected

Session Behavior

14:15

Neural circuits for cooperation and communication

Alison Barker,
Max Planck Institute for Brain Research, Germany

14:45

Neural circuits for interactive communication

Michael Long,
New York University, USA

15:15

Memory and decision of navigational goals

Hiroshi Ito,
Max Planck Institute for Brain Research, Germany

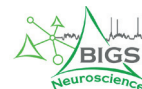
15:45

Coffee Break

16:15

Keynote lecture: The Geometry of Decision-Making

Iain Couzin,
Max Planck Institute of Animal Behavior, Germany



7thBonn Brain³Conference
States – Behaviour,
Neural Circuits and Codes

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