



Welcome to the GSN Retreat 2020!

Event Schedule

Monday, 19th October 2020

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| 13:00-13:15 | <i>Welcome speech</i>
by the organizing team |
| 13:15-14:00 | Opening Talk: <i>Advocating for Science-Based Policies in the Era of COVID-19</i>
by Nick Warren
(American Association for Cancer Research, Science Policy Program Administrator) |
| 14:00-14:45 | <i>Structural changes to the human brain after long-duration spaceflight (+Q&A)</i>
by Peter zu Eulenburg (Professor of Neuroimaging at the German Center for Vertigo & Balance Disorders, GSN) |
| 14:45-15:00 | <i>Massive Effects of Saliency on Information Processing in Visual Working Memory</i>
by Martin Constant (GSN PhD student) |
| 15:00-15:15 | <i>Talk Title TBA</i>
by Manuela Brümmer (GSN PhD student) |
| 15:15-15:30 | <i>Probing cell identity hierarchies by fate collision during cellular reprogramming using Collide-seq</i>
by Bob Hersbach (GSN PhD student) |
| 15:45-16:15 | Visual processing of feedforward and feedback signals in mouse thalamus (+Q&A)
by Laura Busse (Professor of Neurobiology, GSN) |
| 16:15-16:30 | <i>Visualizing changes in neuronal connectivity</i>
by Danielle Paytner (GSN PhD student) |
| 16:30-16:45 | <i>Probing the inputs to direction selective T4 cells in Drosophila motion vision pathway</i>
by Abhishek Mishra (GSN PhD student) |
| 17:00-18:00 | <i>3-Minute Thesis Competition</i> |



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Tuesday, 20th October 2020

- 13:00-13:45** ***Beyond animal cognition: Is there reflection in non-human animals (+Q&A)***
by **Ophelia Deroy**
(LMU Chair of Philosophy of Mind, GSN)
- 13:45-14:00** ***Many heads are more utilitarian than one***
by **Anita Keshmirian** (GSN PhD Student)
- 14:00-14:15** ***Virtual Reality in the Rehabilitation of homonymous Visual Field disorders***
by **Inara Mahkamova** (GSN PhD Student)
- 14:15-14:30** ***Regulation and molecular specification of phagocyte phenotypes in neuroinflammation***
by **Clara de la Rosa del Val** (GSN PhD student)
- 14:45-15:15** ***Deep learning in Neuroscience/Neurology***
by **Ahmad Ahmadi** (Young Scientist Group leader, LMU/TUM)
- 15:15-15:30** ***Cxcr3 and Tlr1/2 pathways modulate scar formation after traumatic brain injury?***
by **Christina Koupourtidou** (GSN PhD student)
- 15:30-15:45** ***A functional visual circuit in blind fish***
by **Shachar Sherman** (GSN PhD student)
- 15:45-16:00** ***Visual search for singletons among distractors within and across sensory modalities***
by **Shao Yan Tsai** (GSN PhD student)
- 16:15-17:15** ***Poster Session***
- 17:15-18:00** ***Zoom Social***



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Wednesday, 21st October 2020

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| 13:00-13:45 | <i>Talk Title TBA (+Q&A)</i>
by Susanne Koch
(Emmy Noether group leader, Biomedical Centre LMU, GSN) |
| 13:45-14:00 | <i>Phagocyte-mediated synapse removal in a model of cortical neuroinflammation</i>
by Emily Melisa Ullrich Gavilanes (GSN PhD student) |
| 14:00-14:15 | <i>The TSPO agonist XBD173 alleviates cognitive deficits in a mouse model of Alzheimer's disease</i>
by Arpit Kumar Pradan (GSN PhD student) |
| 14:15-14:30 | <i>Neural control of prosodic features in vocal duets of White-browed Sparrow Weavers</i>
by Alena Lemazina (GSN PhD student) |
| 14:45-15:15 | <i>Plasticity in the vertebrate brain or how to fix a mess</i> by
Maria del Rosario Sanchez-Gonzalez
(Assistant Professor, Department of Neurobiology, GSN) |
| 15:15-15:30 | <i>Can we instruct an adult neurogenic zone in the cerebral cortex?</i>
by Franziska Vierl (GSN PhD student) |
| 15:30-15:45 | <i>Investigating the formation and maintenance of a horizontal cell mosaic in the zebrafish retina</i>
by Pui-Shee Lee (GSN PhD student) |
| 15:45-16:00 | <i>Involvement of AhR signaling upon brain injury</i>
by Sven Aschenbroich (GSN PhD student) |
| 16:15-17:15 | <i>Poster Session</i> |
| 17:15- 18:00 | <i>Zoom Social</i> |