

# MB2024

## Program Overview



### Wednesday 15th May

Time	Conference Suite 2A	Meeting Room 4	Meeting Room 7	Meeting Room 5
09:00 - 10:00	<a href="#">Keynote: Anne-Marie Brouwer: Measuring mental states</a>			
10:00 - 10:40	<a href="#">Measuring behavior and physiology in and around the cockpit</a>	<a href="#">Advances in using AI to assess animal behaviour and welfare</a>	<a href="#">Behavioral tests (A)</a>	<a href="#">Workshop: Certifying Digital Monitoring Technologies</a>
10:40- 11:10	Break			
11:10 - 12:30	<a href="#">Measuring behavior and physiology in and around the cockpit</a>	<a href="#">Advances in using AI to assess animal behaviour and welfare</a>	<a href="#">Methods for the Study of Olfactory learning and Memory</a>	<a href="#">Technology for measuring behavior (A)</a>
12:30 - 14:00	Lunch			
14:00 - 15:00	<a href="#">Human factors</a>	<a href="#">Advances in using AI to assess animal behaviour and welfare</a>	<a href="#">Behavioral tests (B)</a>	<a href="#">Tutorial: Beats Science Coding – Web-based video analysis for behavioural sciences</a>
14:40 - 15:00				<a href="#">Demonstration: A New Approach to Setting Up Operant Conditioning Experiments</a>
15:00 - 15:30	Break			
15:30 - 17:10	<a href="#">Using behavioural approaches to measure apathy-like behaviour in rodents</a>	<a href="#">Animal welfare</a>	<a href="#">Bioacoustics</a>	<a href="#">Tutorial: DISK – a Deep Learning method for missing skeleton data imputation in 2D &amp; 3D</a>

### Thursday 16th May

Time	Conference Suite 2A	Meeting Room 4	Meeting Room 7	Meeting Room 5
09:00 - 10:00	<a href="#">Keynote: Robert Gerlai: What motivates zebrafish? Searching for effective unconditioned stimuli for appetitive associative learning tasks.</a>			
10:00 - 11:00	<a href="#">AI and machine learning</a>	<a href="#">Novel Methods in Measuring Animal Affective States</a>	<a href="#">Behavioral tests (C)</a>	
11:00 - 11:30	Break			
11:30 - 12:30	<a href="#">AI and machine learning</a>	<a href="#">Novel Methods in Measuring Animal Affective States</a>	<a href="#">Digital Innovations in Home Cage Monitoring</a>	
11:50 - 12:10				<a href="#">The future of the Measuring Behavior conferences</a>
12:30 - 14:00	Lunch			
13:30 - 14:00	Poster pitches			
14:00 - 15:00	<a href="#">Posters (in exhibition area)</a>		<a href="#">Tutorial: DIY home-cage monitoring</a>	<a href="#">Demonstrations</a>
14:40 - 15:00				
15:00 - 15:30	Break			
15:30 - 16:50	<a href="#">Considerations in behavioural phenotyping of genetic mouse models of Alzheimer's disease and frontotemporal dementia</a>	<a href="#">Multi-modal measurements</a>	<a href="#">Tutorial: Computer Vision Tools for Measuring Behavior</a>	<a href="#">Workshop: Measuring the welfare of wild animals</a>

### Friday 17th May

Time	Conference Suite 2A	Meeting Room 4	Meeting Room 7	Meeting Room 5
09:00 - 10:00	<a href="#">Keynote: Albert Ali Salah: Designing Computational Tools for Behavioral and Clinical Science</a>			
10:00 - 11:00	<a href="#">Enhancing Reproducibility and Animal Welfare through Home Cage Systems</a>	<a href="#">AI advances in pose estimation and behavior recognition in laboratory animals</a>	<a href="#">Measuring farm animal behavior</a>	<a href="#">Optimizing analysis of longitudinal, high resolution behavioural data</a>
11:00 - 11:30	Break			
11:30 - 12:10	<a href="#">Enhancing Reproducibility and Animal Welfare through Home Cage Systems</a>	<a href="#">AI advances in pose estimation and behavior recognition in laboratory animals</a>	<a href="#">Measuring farm animal behavior</a>	<a href="#">Technology for measuring behavior (B)</a>
12:10 - 12:45	<a href="#">Closing session</a>			
12:45 - 13:30	Lunch			