MB2024
Program Overview

Wednesday 15th May

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

Thursday 16th May

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

Friday 17th May

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