

CONFERENCE SCHEDULE

Wednesday, 31st August 2022

19:30 - 22:00 *Informal ice breaker*

Thursday, 1st September 2022

08:15 - 09:00 *Registration*

09:00 - 09:30 *Welcome of the authorities and announcements*

09:30 - 10:30 **Plenary talk - David Baracchi**

10:30 - 11:45 **Talk session 1:**
Sentient animals: feeling and thinking the self

10:30 - 10:45 **Lisa Poncet**
False memories in the common cuttlefish

10:45 - 11:00 **Paride Del Grosso**
Animal Sentience and the Precautionary Principle

11:00 - 11:15 **Kimberly Brosche**
Step aside, please! - The body-as-an-obstacle task in pigs

11:15 - 11:45 *Coffee break*

11:45 - 12:30 **Talk session 2:**
Beyond the limit: novel approaches in animal studies

11:45 - 12:00 **Henrique Galante**
Artificial intelligence unlocks accurate consumption rates of small invertebrates

12:00 - 12:15 **Nikhil Phaniraj**
Machine learning approaches for tracking changes in marmoset vocalizations and social behaviors

12:15 - 12:30 **Huba Eleőd**
Event-related potentials during different sleep phases in dogs; a non-invasive study

12:30 - 14:00 *Lunch on your own*

14:00 - 15:00 **Plenary talk - Alex Jordan**

15:00 - 16:00 **Poster Session A (page 4)**

16:00 – 17:30	Talk session 3: <i>Recall me maybe: animal learning and memory</i>
16:00 – 16:15	Mélissa Armand Knowing ≠ choosing: bees learn to distinguish low and high-reward flowers within inflorescences but favour foraging speed over accuracy
16:15 – 16:30	Mathilde Lacombrade Visual associative and reversal learning in the yellow-legged hornet
16:30 – 16:45	Judit Stolla The effect of reward value on the performance of long-tailed macaques (<i>Macaca fascicularis</i>) in a delay of gratification exchange task
16:45 – 17:00	Nandita Nataraj Learning and Memory in ovipositing <i>Manduca sexta</i>
17:00 – 17:15	Daria Nagel Serial reversal in ravens
17:15 – 17:30	Tim Simon Lateralized behavioral responses in pet dogs during reward expectation and frustration
17:30 – 18:15	Round-table discussion – Claire Dumenil <i>Brain and ecology: does animal cognition research benefit only humans?</i>
20:00 - ...	<i>Social dinner at 'Le Formichine'</i>

Friday, 2nd September 2022

09:15 - 09:30	<i>Announcements</i>
09:30 - 10:30	Plenary Talk - Hannah Rowland
10:30 - 11:15	Talk session 4: <i>Born this way: cognitive and biological predispositions</i>
10:30 - 10:45	Camilla Cenni Does object play facilitate tool use? Answers via field experiments in Balinese long-tailed macaques
10:45 - 11:00	Tsighie Venturini Precocious numerical abilities are enhanced by processing of different faces in young domestic chicks
11:00 - 11:15	Ondřej Fišer Too big or too small? The importance of size in predator recognition by untrained birds
11:15 - 11:45	<i>Coffee break</i>
11:45 - 12:30	Talk session 5: <i>Lights, camera, action: studying the living brain</i>
11:45 - 12:00	Maria Ravera Two channels for the perception of the duration of a sensory stimulus
12:00 - 12:15	Alireza Abolghasemi Dehaqani A sampling-invariant code in the olfactory cortex
12:15 - 12:30	Luigi Petrucco Neural dynamics and architecture of the heading direction circuit in a vertebrate brain
12:30 - 14:00	<i>Lunch on your own</i>
14:00 - 15:00	Talk session 6: <i>Senses under lenses: an overview on animal perception</i>
14:00 - 14:15	Luigi Balasco Somatosensory processing deficits in two genetic mouse models of autism spectrum disorder
14:15 - 14:30	Marlen Gironimi Can a rat exclude an irrelevant vibrissal stimulus (but attend to the relevant stimulus)? Psychophysics and modeling
14:30 - 14:45	Carlos Daniel Corrales Parada Social communication signals in synodontid catfish, social preferences and neural correlates
14:45 - 15:00	Gaia De Russi Recognition memory for olfactory stimuli in <i>Danio rerio</i>
15:00 - 16:00	Poster Session B (page 5)

- 16:00 – 16:45 **Round-table discussion – Gabriele Chelini**
Should we or not? The use of animal models to study brain disorders
- 16:45 – 17:45 *Acknowledgments, farewell and prizes*

Saturday, 3rd September 2022

- 10:30 - 13:00 *Tour to 'Muse'*

POSTER SESSIONS

Poster Session A – 1st September (15:00 - 16:00)

Lea Vodjerek	Do females keep the sweetest buns in their oven? The role of male quality in pregnancy turnover	1
Melina Kienitz	Bees differentiate sucrose solution from water at a distance	2
Francesca Pia Sellitti	Time course of c-Fos expression in domestic chicks	3
Alba Cumplido Mayoral	Neural basis of neophobia in domestic chicks	4
Juliana Wallner Mendes	Do dogs understand the role of a human partner in a cooperative task?	5
Chiara Canori	Dogs' displacement behaviours, putative appeasement signals, are associated with non-reactive attitude towards unfamiliar humans.	6
Loise Mackie	Priming Overimitation in Dogs	7
Giulia Pedretti	Audience effect on domestic dogs' behavioural displays and facial expressions.	8
Lisanne M. Leenheer	Social preferences of three-spined sticklebacks – a mesocosm experiment	9
Eleonora Rovegno	Do Goffin's cockatoos (<i>Cacatua goffiniana</i>) possess a minimal concept of death?	10
Fabio Del Giudice	Behavioural relevance of haptic processing of object size in the primary visual cortex	11
Davide Cortinovis	The role of action-related properties in shaping the object space in the biological and artificial brain	12
Mathieu Stribos	Exploring the cognitive capacities of Japanese macaques in a cooperation game	13
Roy Hammer	Introducing a novel methodological framework for group classification during fission in semi-free ranging Japanese macaques (<i>Macaca fuscata</i>)	14
Tommaso Fortunato Asquini	Elucidating the interplay between early-life adversities and genetic vulnerability in the etiology of autism spectrum disorders	15
Ottavia Ollari	Automated assessment of whisker-guided behavior in freely-moving mice	16
Enrica Cerilli	Investigating the link between neuroinflammation and autism-like behaviours in <i>Cntnap2</i> ^{-/-} mice	17
Edoardo Collarini	Sow responses to distressed piglets: an experimental study in a naturalistic setting	18
Francesco Cannone	Differential role of the many eye pairs in jumping spider in biological motion recognition	19
Tecla Mohr	Lab cognition going wild	20
Piero Seddaiu	Adaptive significance of social touch in domestic pigs	21

Poster Session B – 2nd September (15:00 - 16:00)

Alexandra Koch	Conflict interference in an insect	22
Max Verheij	Arthropods as brood predators of vertebrate prey: a review of current knowledge	23
Giuseppe Ferrara	Extraction of regularities on the above/spatial distribution of sets of different numerosity	24
Stefano Gonan	Do Domestic Chicks have got Rhythm? Insights from Timing Analysis of Contact Calls in a Non-singing Bird Species	25
Kinga Surányi	Individual recognition of familiar speakers in dogs	26
Dorottya Szilvia Racz	Sensitivity to speech sounds in the dog brain as measured by fMRI	27
Monica Boada	Human-oriented social motivation in the domestic dog (<i>Canis familiaris</i>)	28
Farina Lingstädt	Psychometrics of color discrimination in Eurasian jackdaws	29
Federica Debernardis	Towards an understanding of the Shepard tabletop illusion	30
Alice Mauduit-Godard	Play, a family affair in common marmosets	31
Markus Stasek	Social Learning in Common Marmosets via Video Demonstrations	32
Marion Varga	Learning an extractive foraging task? Problem-solving strategies in common marmosets (<i>Callithrix jacchus</i>)	33
Margherita Fraja	Behavioural lateralization of meerkats (<i>Suricata suricatta</i>) in daily activity and cognitive task	34
Roberta Vertullo	Effects of KH-X on cognition, motor functions and neurodegeneration in a chronic MPTP mouse model for Parkinson's disease	35
Martina Giudice	Endogenous retroviruses as new molecular traits associated with Autism Spectrum Disorder	36
Filippo Michelon	Breathing-induced internal states and their effect on brain connectivity	37
Elodie Ferrando	Con- and heterospecific voice processing in dogs and miniature pigs measured with EEG	38
Sára Sarolta Sztruhala	The effect of environmental stability on between- and within-individual behavioural variation in common pillbug (<i>Armadillidium vulgare</i>)	39
Valentine Comin	Early development of Social Interactions during Object Manipulation in Common Raven families	40
Courtney Pike	Warbler Finches are not able to compensate for nest parasitism by the Avian Vampire Fly with increased feeding rates	41
Alessandra Gobbo	Optic Tectum and Quantity Discrimination: a biomolecular approach in zebrafish (<i>Danio Rerio</i>)	42

GETTING AROUND

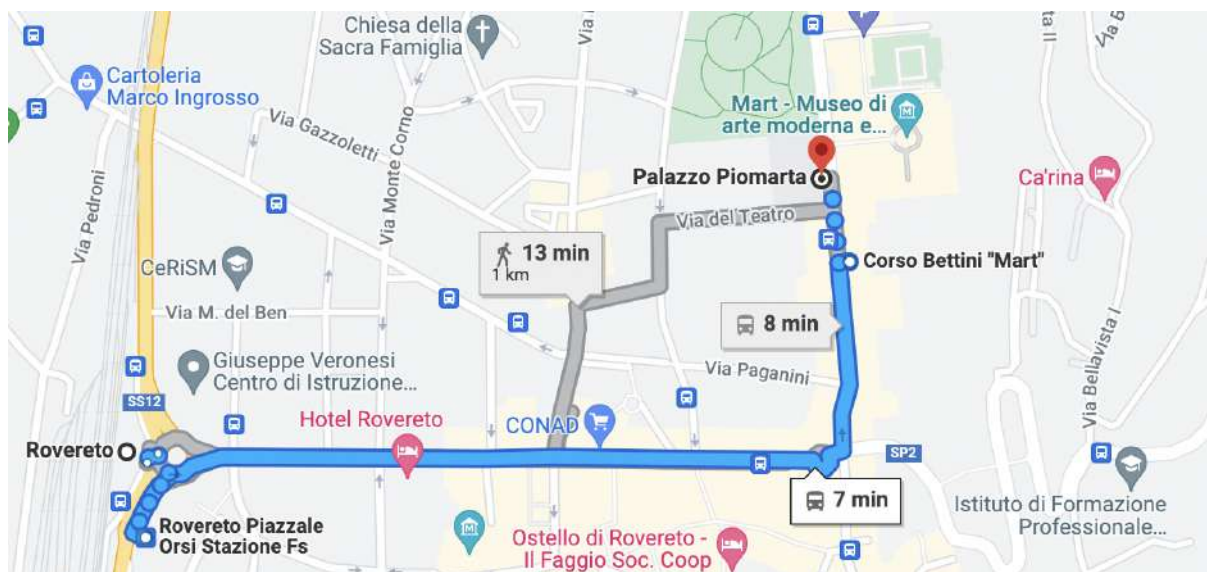
The venue

University of Trento - Department of Psychology and Cognitive Science is located in Palazzo Piomarta, Corso Bettini, 84, 38068 Rovereto TN.

The conference will be held in Aula Magna located on the first floor of the building (follow the signs located at the entrance of the building). The registration desk will be available in front of the entrance of the conference room. Poster sessions will be held outside, in the backyard, of the building (in case of rain further instructions will be provided at the registration desk). Coffee breaks will take place on the ground floor of the building (please follow the provided signs or ask the organizers for further information).

Reaching the venue from the railway station

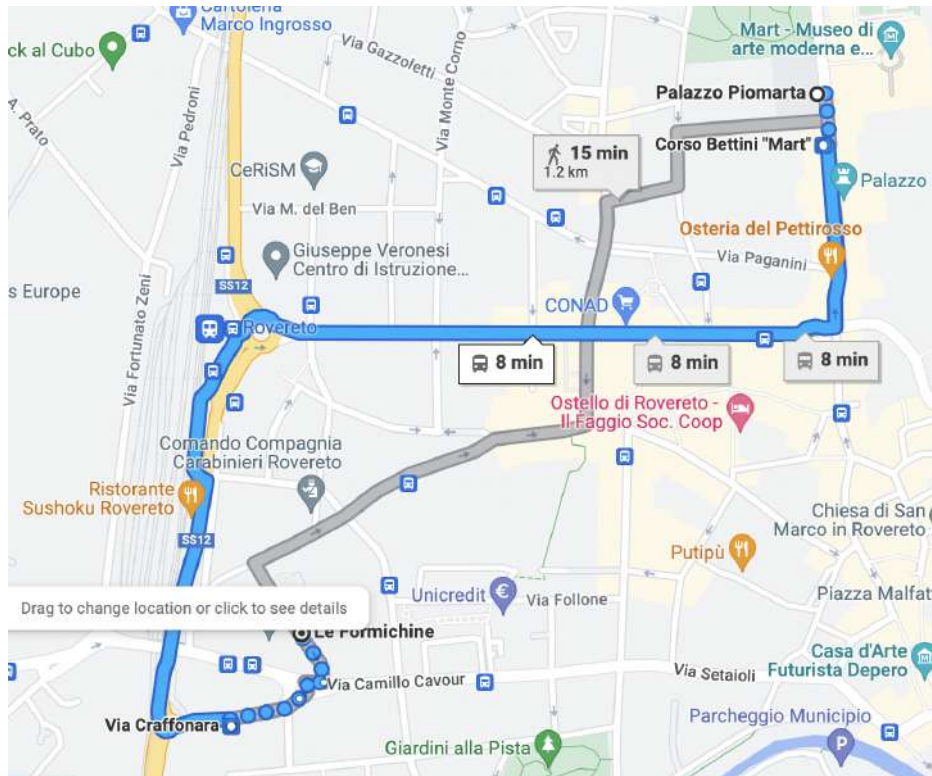
From Rovereto's railway station cross the road and take either line 2. The bus stop closest to the venue is 'Corso Bettini Mart'. If you prefer walking, it will take around 15 minutes from the railway station.



Reaching 'Le Formichine' from the venue

'Le Formichine' is located in Via della Gora, 38068 Rovereto TN.

The location of the social dinner is easily reachable by foot and is around 15 minutes-walking away from the conference venue. If you prefer taking the bus, you can take line 2 from 'Corso Bettini Mart' (located right outside the conference venue) to 'Via Craffonara'.



Tour

We will reach the 'Muse' together. The appointment will be at 09:00 at Rovereto's railway station. From there we will take together a 15 minute train ride to Trento. The train ticket costs only 2,90€ and can be directly bought at the train station. After the tour we can all enjoy a picnic outside the muse in the beautiful park of 'Le Albere'. In 'Le Albere' you can easily find a supermarket, bars and restaurants. You thus do not need to bring food during the tour. Of course, if you do not want to join the picnic you will be free to go back to Rovereto.