

VI European Student Conference on Behaviour and Cognition



Booklet

Conference Schedule

Wednesday, 4th September 2019

20.00 – 22.00 *Informal ice breaker*

Thursday, 5th September 2019

08.15 – 09.00 *Registration*

09.00 – 09.30 *Welcome of the authorities and announcements*

09.30 – 10.30 **Plenary talk**
Tomer Czaczkes: Value perception & cognition in social insects

10.30 – 11.00 *Coffee break*

11.00 – 12.30 **Talk session 1: biological bases of behaviour**

11.00 – 11.15 **Angela Andreella**
 A statistical approach to the alignment of fMRI data

11.15 – 11.30 **Livia Cosentino**
 Male mice carrying dysfunctional methyl-CpG binding protein 2 are vulnerable to traumas

11.30 – 11.45 **Anastasia Morandi Raikova**
 The effect of eye occlusion on the hippocampal representation of environmental novelty in domestic chicks (*Gallus gallus*)

11.45 – 12.00 **Nicola Meda**
 Place learning can be assessed by changes in locomotor velocity in *Drosophila melanogaster*

12.00 – 12.15 **Simone Gastaldon**
 Do I produce to predict? Brain oscillations in language anticipation in fluent speech and stuttering

12.15 – 12.30 **Nela Novakova**
 Does behaviour of cranes mirror their phylogenetic relationships?

12.30 – 14.00 *Lunch on your own*

14.00 – 15.00 **Plenary talk**
Anna Wilkinson: Cold-blooded cognition

15.00 – 16.00 **Poster Session A**

16.00 – 17.30 **Talk session 2: cognition**

16.00 – 16.15 **Giovanni Frighetto**
 Action-based attention in *Drosophila melanogaster*

16.15 – 16.30	Jim McGertick Dogs' responses in inequity paradigms may be driven by perceptions of reward attainability
16.30 – 16.45	Silvia Guerra Goal-directed actions in plants: a kinematical approach
16.45 – 17.00	Alessandra Pecunioso Anisotropy of perceived numerosity: Evidence for a horizontal-vertical numerosity illusion
17.00 – 17.15	Maria Bortot Abstract numerical representation in honeybees (<i>Apis mellifera</i>)
17.15 – 17.30	Giulia Montalbano Individual differences in inhibitory control in a teleost fish
17.30 – 18.15	Round-table discussion Gianmarco Altoè: Good research practices
20.00 – 22.00	<i>Conference Dinner at "Pizzeria Marechiaro" (p.7)</i>

Friday, 6th September 2019

09.00 – 09.30	<i>Announcements</i>
09.30 – 10.30	Plenary talk Cinzia Chiandetti: Cognition in the poultry yard
10.30 – 11.00	<i>Coffee break</i>
11.00 – 12.30	Talk session 3: social interactions
11.00 – 11.15	Zsofia Bognar Look into my eyes, I will reward you – Head shape, sex and age affects dogs' visual communication
11.15 – 11.30	Gwen Wirobski Hand raised, pack-living dogs' and wolves' urinary oxytocin levels following interactions with human partners
11.30 – 11.45	Paula Perez-fraga Who looks for human assistance? A comparative study of pigs' and dogs' performance in an unsolvable task paradigm
11.45 – 12.00	Marianne Wondrak Who is a happy pig? - Does social status influence decision making in a cognitive bias task?
12.00 – 12.15	Vedrana Slipogor Cognitive aspects of 'group personality' in common marmosets (<i>Callithrix jacchus</i>): does social environment affect the individual variation in learning?

12.15 – 12.30	Katarina Wenig Let's play - an ontogenetic study on play contagion in ravens
12.30 – 14.00	<i>Lunch on your own</i>
14.00 – 15.00	Talk session 4: ethology
14.00 – 14.15	Chayan Munshi Quantification of self-grooming behavior of a semi-transparent prawn, <i>Macrobrachium lamarrei</i> , by applying video-based posture detection method
14.15 – 14.30	Viviana Di Pietro Copulatory wounding inflicted by a female genital structure in males of a damselfly?
14.30 – 14.45	Anna Zanoli Dimorphic phrase structure of the indris' song (<i>Indri indri</i>) and its potential for sex discrimination
14.45 – 15.00	Katarzyna Ostrowska Human behaviour in the specific conditions on the basis of the literary reportage „Wielki przyptływ” of Jarosław Mikołajewski
15.00 – 16.00	Poster session B
16.00 – 16.45	Round-table discussion Lucia Regolin: Ethics in animal research
16.45 – 17.45	<i>Acknowledgments, farewell and prizes</i>
19.00 – 21.00	<i>Happy hour! At ZùBar (p. 7)</i>

Saturday, 7th September 2019

9.00 – 11.00	<i>Tour in Esapolis or Orto Botanico – first round</i>
11.30 – 13.30	<i>Tour in Esapolis or Orto Botanico – second round</i>

Poster sessions

Session A – 5th September

Anita Sazbò	Do Azure-winged magpies (<i>Cyanopica cyanus</i>) recognize themselves in mirrors?	1
Barbara Csibra	Measuring attention deficit, hyperactivity and impulsivity in dogs: Developing a human analogue ADHD questionnaire	2
Bianca Bonato	Silent reading and writing: the influence of language processing on motor response (and viceversa)	3
Carlos Daniel Corrales Parada	Neural basis of familiar and unfamiliar conspecifics recognition in domestic chicks	4
Carmen Schwarzl	Influence of migration behaviour and habitat affiliation on the eye size of birds: a case study from the Pacific lowlands of Costa Rica	5
Cecylia Watrobska	Does metabolic rate affect learning, memory and personality in chickens?	6
Cémentine Mitoyen	Differential role of courtship sensory modalities on the female response in the ring dove (<i>Streptopelia risoria</i>)	7
Chiara urbinati	Metformin treatment rescues aberrant mitochondrial activity and oxidative stress status in the brain of female mouse model of Rett syndrome	8
Daniela Cardillo	Dog's sense of smell to help people with Food Allergies: a pilot study	9
Daniele Carlesso	Spontaneous quantity discrimination in crickets	10
Elena Gobbo	Personality of a dog and its owner and their attachment styles play a role in dog aggression	11
Elisa Tedaldi	Chicks on the right side: Young chicks' numerical discrimination is affected by spatial disposition of numerosities	12
Enrica Aguzzoli	Test-retest validation of a short battery of test for the behavioural assessment of ageing pet dogs	13
Eva Simonicicova	Altered hippocampal synaptic structure in male rat offspring after pre-gestational stress exposure and antidepressant treatment	14
Fabiana Festucci	A new paradigm for Prosocial Behavior and Reciprocity, assessed in WT and HET rats for the DAT gene	15
Giorgio Piazza	Speakers of Veneto-dialect and Italian: can these people be considered bilinguals? Evidence from Picture-Word Interference.	16
Huba Eleőd	Parallel analysis of EEG, ECG, and respiratory signal during sleep in dogs	17
Janet Louisa Wijaya	Spider See, Spider Do: Observational Learning in Jumping Spider	18
Justina Polomova	Are sexually naive zebra finch females able to discriminate between different male songs?	19
Judith Janisch	Motor skill learning in an elaborate courtship display	20

Session B – 6th September

Karel Novák	Behavioural and Physiological Changes in Dogs during Search for Missing Persons	21
Katarina Prikrylova	Visual individual recognition in African grey parrots (<i>Psittacus erithacus</i>)	22
Klara Grethen	Effects of inequity on negotiation strategies of ravens (<i>Corvus corax</i>) in a cooperation task	23
Lisa Poncet	Do dogs reciprocate help received from a human?	24
Maria Cristina Talamo	Pharmacological inhibition of p21-Activated Kinase rescues the behavioural phenotype in a female mouse model of CDKL5 Deficiency Disorder	25
Martina Morová	The effect of prenatal and early postnatal exposure to a phthalate mixture on sociability, anxiety-like behaviour and testosterone production in rats	26
Michaela Piešová	Impact of gestational hypoxia on development and behavior of the rat offspring	27
Rita Lenkei	Separation related behaviour in dogs: the effect of fear and frustration	28
Sabrina Karl	Who do you prefer? Investigating the human-dog attachment system in pet dogs	29
Silvia Damini	Spontaneous differences in how male and female tortoises interact with conspecifics	30
Sofija Perovic	Assessing behavioural flexibility in domestic chicks through a serial reversal learning task	31
Valentine Comin	Figure-ground segmentation in <i>Phidippus regius</i>	32
Vivien Reicher	Effects of different training styles on learning performance and neural activity (sleep EEG) in dogs	33
Weronica Młodzikowska	Using a second language within sexual and romantic relationship	34
Zuzana Skalná	Does tickling evoke positive experience in laying hens?	35
Alexandra Koch	Comparing Ants With Humans? - A Comparative Psychology Approach	36
Mattia Pellas	Systemic treatment with Rimonabant, a CB1 receptor antagonist, improves behavioural alterations in a mouse model of Rett syndrome	37
Federico Ferrante	Spiders in the box: associative learning in <i>Phidippus regius</i>	38
Camilla Marossi	Animal art-ivity: the sense of beauty in bowerbirds	39
Gaia Pegarin	Slime mold: minimal cognition	40

Getting around

The venue

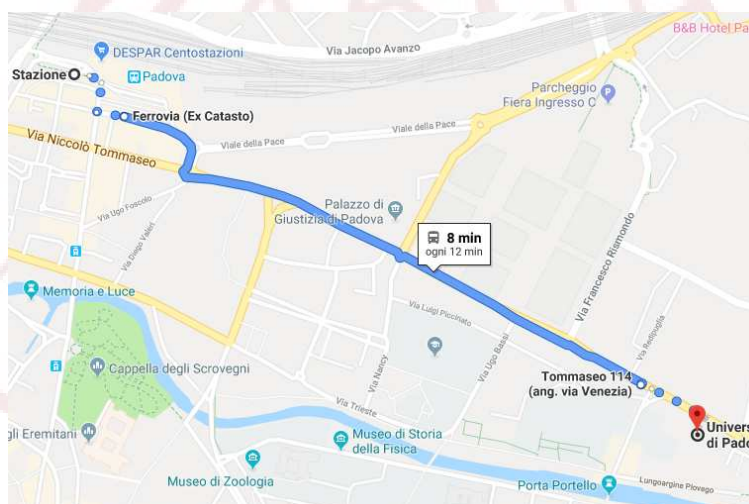
Università degli Studi di Padova - Centro Linguistico di Ateneo, Via Venezia 16 (other entrance in Via Venezia 8), 35131, Padua

From Via Venezia 16, you will get into a complex with 5 buildings. The conference will be held in building 4 (Centro Linguistico di Ateneo, CLA), while the poster sessions, registration and coffee breaks will be held under the colonnade on the building directly in front.



Reaching the venue from the railway station

from the city station, get to the opposite side of the road and take either line DP, 7 or 10. The bus stop nearest to the venue is "Tommaseo 114 (ang. Via Venezia)". If you prefer to walk, it will take just around 20 minutes.



Reaching “Pizzeria Marechiaro” 🍷 from the venue 📍

Via Daniele Manin, 37, 35122 Padua

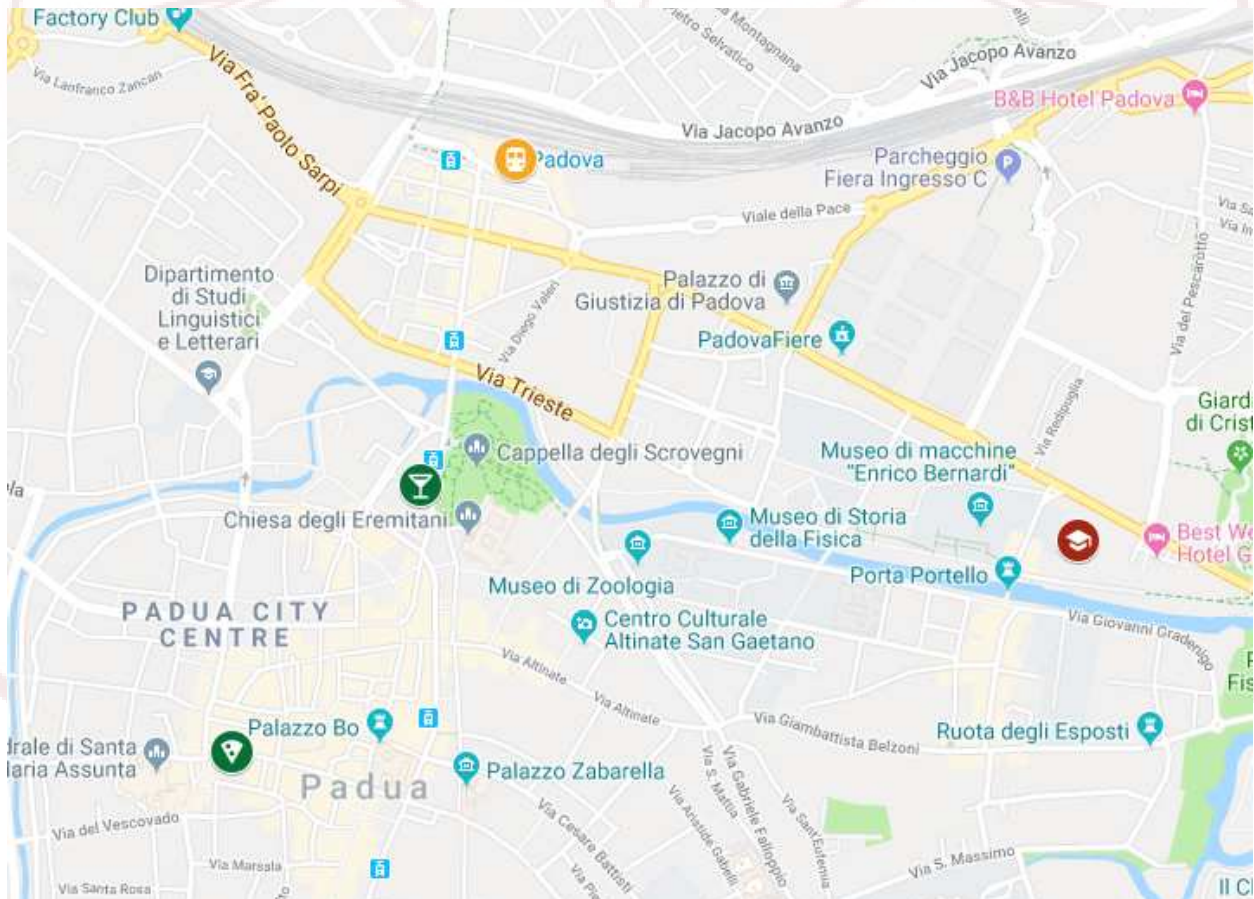
You have different options to get to the pizzeria:

- You can take any bus that will take you back to the city station (DP, 7, 10). From there take the tram line (direction “capolinea sud”) and stop at “ponti romani”. From there is a 5 minutes walk to the pizzeria.
- Bus DP will stop almost in front of the pizzeria. Stop at “Piazza delle Erbe” and then is just a 1 minute walk
- If you can, and especially if your accommodation is in the city centre, consider walking to the pizzeria! The city is lovely and it is most of the time more convenient to walk rather than taking the bus when staying in the centre.

Reaching “ZùBar” 🍷 from the venue 📍

Corso Giuseppe Garibaldi, 33, 35137 Padua

all the info given for the bus to reach the pizzeria are more or less identical to reach ZùBar, you just have to stop at “Eremitani”. As before, walking there may still be the best option!



Tours

We will reach both Esapolis and the Botanical Garden together. The appointment will be at 8:30 in "Prato della Valle", where who is going to visit Esapolis will take the bus (the ticket will cost 1.30 € each way), while who is going to visit the Botanical Garden will just walk there. For whom have chosen both tours, after the visits are finished we will meet back at Prato della Valle and we will swap places.

Reaching Prato della Valle from the venue

To reach Prato della Valle from the venue by bus, you will have to go back to the city station with any bus (DP, 7, 10), then take the tram and stop at "Prato della Valle". Bus tickets in Padua last for 90 minutes after being validated, so you will be able to use the same ticket to get to Esapolis if you are going there.

Especially if you are staying in the city centre, walking there may be better than taking the bus. From the venue and surroundings, it's a half an hour walk.

