

PROGRAM

The conference will consist of three plenary lectures with the financial support of SEPEX and UNED, four invited lectures, one symposium with four speakers, five discussion panels, eleven talk sessions and two poster sessions. Please, check the program below for further information.

All speakers must upload their presentations at least 15 minutes before beginning their corresponding lecture, symposia or talk session. Thank you for your contributions!

WEDNESDAY, 12th SEPTEMBER

11:00-20:30 (with a break for lunch)	Registration (reception desk)
AFTERNOON	
16:00-16:30	AUDITORIUM HALL: Opening ceremony with local and UNED authorities.
16:30-17:30	AUDITORIUM HALL: SEPEX Lecture. "A different synthesis: The role of emotions in the organization of behavior". Peter R. Killeen (Arizona State University, USA)
17:45-19:00	AUDITORIUM HALL: Symposium. "Behavior, neuroscience, and corticostriatal function – A story about the importance of good behavior for understanding how brain circuits work". Chair: Geoffrey Schoenbaum (NIDA/NIH Baltimore, USA) 1. "Cortical contributions to goal-directed behaviour in rodents". Shauna Parkes (Université de Bordeaux, France) 2. "Effects of drug use, stress and diet on the control of habitual versus goal-directed behavior by dorsal striatal subregions". Laura Corbit (The University of Toronto, Canada)
17:45-19:00	3. "Orbitofrontal cortex and dorsal striatum interact in the representation of cognitive set or state by ensembles of cholinergic interneurons". Geoffrey Schoenbaum (NIDA/NIH Baltimore, USA) 4. "Cortico-striatal interactions in controlled and automatic processes". Juan Carlos López (Universidad de Sevilla, Spain) CONFERENCE ROOM 9&10: Talk Session 1. "Individual differences and clinical conditions". Chair: Fernando Blanco (Universidad de Deusto, Spain) 1. Heavy drinkers are more coordinated than moderate drinkers when sober. <u>Felipe Alfaro</u> (Universidad de Chile, Chile), Mario A. Laborda (Universidad de Chile, Chile), José Martínez (Universidad Federico Villareal del Perú, Peru), Lesly Valdivia (Universidad de Chile, Chile) & Gonzalo Miguez (Universidad de Chile, Chile) 2. The effect of outcome devaluation on Pavlovian-to-instrumental transfer: Individual differences in emotional impulsiveness. <u>Irene Hinojosa</u> & Felisa González (Universidad de Granada, Spain) 3. The effects of schizotypy on timing in a production task. Emily

	<p>Balazs, Patricia Edwards, Emily Harris & <u>Charlotte Bonardi</u> (University of Nottingham, UK)</p> <p>4. The role of extinction of conditioned emotional associations in emotion regulation and gambling behavior. <u>María José Quintero</u> (Universidad de Málaga, Universidad de Granada, Spain), Juan Francisco Navas (Universidad de Granada, Spain) & José César Perales (Universidad de Granada, Spain)</p> <p>5. Stable individual differences in occasion setting. <u>Steven Glautier</u> & Ovidiu Brudan (Southampton University, UK)</p>
19:15-20:15	<p>AUDITORIUM HALL: Discussion Panel. "SEPC, 30 years".</p> <p>Chair: Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)</p> <p>Other participants: Luis Aguado (Universidad Complutense de Madrid, Spain), Gumersinda Alonso (Universidad del País Vasco, Spain), Antonio Cándido (Universidad de Granada, Spain), Victoria D. Chamizo (Universitat de Barcelona, Spain) & Matías López (Universidad de Oviedo, Spain)</p>
20:15-20:30	Group photo at the "Viewpoint of the Wall" outside the building.
20:30	Welcome cocktail reception at the first-floor terrace and an invitation for a drink at "Café Bar Estudio".

THURSDAY, 13th SEPTEMBER

MORNING	
9:00-10:30	<p>CONFERENCE ROOM 8: Talk Session 2. "Excessiveness and risk".</p> <p>Chair: Carmen Torres (Universidad de Jaén, Spain)</p> <p>1. From riskier to safer decisions-making: The role of feedback contingency. Antonio Maldonado (Universidad de Granada, Spain), Miguel Ángel Torres (Universidad de Granada, Spain), Andrés Catena (Universidad de Granada, Spain), <u>Antonio Cándido</u> (Universidad de Granada, Spain) & Alberto Megías (Universidad de Málaga, Spain)</p> <p>2. Inhibitory control deficit after perinatal immune activation: Preclinical evidence. <u>Santiago Mora</u>, Elena Martín-González, Ángeles Prados-Pardo, Pilar Flores & Margarita Moreno (Universidad de Almería, Spain)</p> <p>3. Behavioural markers and biomarkers for predicting compulsivity in schedule-induced polydipsia. <u>Ana Merchán</u>, Ana Sánchez-Kuhn, Ángeles Prados, Fernando Sánchez-Santed, Margarita Moreno & Pilar Flores (Universidad de Almería, Spain)</p> <p>4. Does exposure to the Barnes maze induce ethanol consumption in rats? Joanna Thompson (Texas Christian University, USA), Carmen Torres (Universidad de Jaen, Spain) & <u>Mauricio Papini</u> (Texas Christian University, USA)</p>
9:00-11:00	<p>AUDITORIUM HALL: Talk Session 3. "Learning theory".</p> <p>Chair: Antonio Álvarez (Universitat de Barcelona, Spain)</p> <p>1. Assessment of the inhibitory properties of a latent inhibitor in a magazine training procedure with rats. <u>Unai Liberal</u> (Universidad del País Vasco UPV/EHU, Spain), Gabriel Rodríguez (Universidad del País</p>
9:00-11:00	

Vasco UPV/EHU, Spain) & Geoffrey Hall (University of York, UK, University of New South Wales, Australia)

2. Intervention in the conditioning chamber. Robert Ian Bowers (Universidade do Minho, Portugal)

3. Delay of reinforcement versus rate of reinforcement in Pavlovian conditioning. David Sanderson & Joseph Austen (Durham University, UK)

4. Is this acquisition or extinction? Using bayesian analysis to understand individual and group learning curves in the PREE. Fernando Blanco (Universidad de Deusto, Spain) & Joaquín Morís (Universidad de Oviedo, Spain)

5. Behavior stability and individual differences in Pavlovian extended conditioning. Gianluca Calcagni (IEM-CSIC, Spain), Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain) & Ernesto Caballero (Universidad Nacional de Educación a Distancia, Spain)

6. Contrary associative effects and their implications to associative learning theories. Clara Muñoz-Diez, Judit Muñoz-Moreno & Ignacio Loy (Universidad de Oviedo, Spain)

7. Excitatory second-order conditioning in humans using a first-order backward conditioned stimulus.
Arthur Prével (Université Lille Nord de France, France), Vinca Rivière (Université Lille Nord de France, France), Jean-Claude Darcheville (Université Lille Nord de France, France), Gonzalo P. Urcelay (University of Leicester, UK) & Ralph R. Miller (Binghamton University, USA)

CONFERENCE ROOM 9&10: Talk Session 4. “Renewal and context”.
Chair: José Prados (University of Leicester, UK)

1. Renewal of instrumental responses after changes in the affective context. Rodolfo Bernal-Gamboa, Mariel Almaguer & Diana Carreón (Universidad Nacional Autónoma de México, Mexico)

2. Renewal of a behaviour chain: Extinction of the procurement stimulus blocks renewal of extinguished consumption. José A. Alcalá (Universidad de Jaén, Spain), Michael Steinfeld (University of Vermont, USA) Eric Thraikill (University of Vermont, USA) & Mark Bouton (University of Vermont, USA)

3. Extinction and explicit contextual discriminations produce similar learning . James Byron Nelson, Paula Balea & M^a Carmen Sanjuan (Universidad del País Vasco UPV/EHU, Spain)

4. Failure of transfer of occasion setting between extinction contexts. Paula Balea (Universidad del País Vasco UPV/EHU, Spain), M^a Carmen Sanjuan (Universidad del País Vasco UPV/EHU, Spain), Pedro M. Ogallar (Universidad de Jaén, Spain), Jeffrey A. Lamoureux (Boston College, USA), Andrew Fabiano (Boston College, USA) & James Byron Nelson (Universidad del País Vasco UPV/EHU, Spain)

5. EMACS effect is found whenever extinction and test contexts are different in human predictive learning.

	<p>Pedro M. Ogallar (Universidad de Jaén, Spain), José E. Callejas-Aguilera (Universidad de Jaén, Spain), Juan M. Rosas (Universidad de Jaén, Spain) & Jeffrey A. Lamoureux (Boston College, USA)</p> <p>6. Extinction of haloperidol-based locomotor activity conditioning. <u>Lucía Cárcel</u>, Francisco José Pérez-Díaz, Pilar Niño, Juan Carlos Ruiz-Salas & L. Gonzalo de la Casa (Universidad de Sevilla, Spain)</p> <p>7. Effects of housing conditions on post-reaction amnesia in rats. <u>Natalie Schroyens</u> (Centre for Psychology of Learning and Experimental Psychopathology, KU Leuven, Belgium), Christian Bender (Universidad Nacional de Córdoba, Argentina), Victor Molina (Universidad Nacional de Córdoba, Argentina), Joaquín Alfei (Centre for Psychology of Learning and Experimental Psychopathology, KU Leuven, Belgium), Laura Luyten (Centre for Psychology of Learning and Experimental Psychopathology, KU Leuven, Belgium) & Tom Beckers (Centre for Psychology of Learning and Experimental Psychopathology, KU Leuven, Belgium)</p>
11:00-12:00	<p>AUDITORIUM CORRIDOR & BUILDING HALL: Poster Session I & Coffee</p>
12:00-13:00	<p>AUDITORIUM HALL: Discussion Panel. “Comparative Psychology: A debate about psychology of the species”.</p> <p>Chair: Helena Matute (Universidad de Deusto, Spain)</p> <p>Other participants: L. Gonzalo de la Casa (Universidad de Sevilla, Spain), Rubén N. Muzio (Universidad de Buenos Aires), Mauricio Papini (Texas Christian University, USA) & Concepción Paredes (Universidad de Jaén, Spain)</p>
12:00-13:00	<p>CONFERENCE ROOM 8: Talk Session 5. “Simulations”.</p> <p>Chair: Francisco J. López (Universidad de Málaga, Spain)</p> <p>1. A Computational implementation of a Hebbian learning network and its application to configural forms of acquired equivalence. <u>Jasper Robinson</u>, David N. George & Dietmar Heinke (University of Nottingham, UK)</p> <p>2. Can acquired equivalence and attentional set be explained by a single mechanism? <u>Sara Bru</u>, Leona Ryan & Jasper Robinson (University of Nottingham, UK)</p> <p>3. A quantitative account of the behavioral characteristics of habituation: The SOP model of stimulus processing. Yercó Uribe (Universidad de Talca, Chile), Sebastián Becerra (Universidad de Talca, Chile), Allan Wagner (Yale University, USA) & <u>Edgar Vogel</u> (Universidad de Talca, Chile)</p>
13:15-14:00	<p>AUDITORIUM HALL: Invited Lecture. “Context processing as a by-product of a general increase of attention produced by associative inference”. Juan Manuel Rosas (Universidad de Jaén, Spain)</p>
14:00-15:45	<p>Lunch at the restaurant “El Lienzo” (Short shuttle ride by bus)</p>
AFTERNOON	

16:00-17:00	AUDITORIUM HALL: UNED School of Psychology Lecture. “Extinction and the history of reinforcement”. Justin A. Harris (The University of Sydney, Australia)
17:15-18:30	CONFERENCE ROOM 9&10: Talk Session 6. “Operant conditioning”. Chair: Javier íbias (Western University of Health Sciences, USA) 1. Do pigeons show mirror self-recognition? Neslihan Edes, Onur Güntürkün & <u>Patrick Anselme</u> (Ruhr-Universität Bochum, Germany) 2. Do rats and humans learn behavioral skills the same way? <u>Alliston K. Reid</u> (Wofford College, USA) 3. Operant choice and affordances. <u>Ángel Jiménez</u> & Denisse Ochoa (Universidad de Guadalajara, Mexico) 17:30-18:30 4. Studying creative problem solving in an Experimental Analysis of Behavior lab. <u>Miriam Garcia-Mijares</u> (Universidade de São Paulo, Brasil), Hernando Borges Neves-Filho (Universidade Federal do Pará, Brasil), Rodrigo Harder Ferro-Dicezare (Universidade de São Paulo, Brasil), Alceu Martins-Filho (Universidade de São Paulo, Brasil), Yulla Christoffersen Knaus (Universidade de São Paulo, Brasil), Luiz Henrique Santana-Conceição (Universidade de São Paulo, Brasil) & Rafael Rodrigues-Santos (Universidade de São Paulo, Brasil) AUDITORIUM HALL: Discussion Panel. “Animal models, what are they modelling?”. Chair: Gabriela E. López-Tolsa (Universidad Nacional de Educación a Distancia, Spain) Other participants: Emilio Gutiérrez (Universidad de Santiago de Compostela, Spain), Margarita Moreno (Universidad de Almería, Spain), Espen Sjoberg (Oslo Metropolitan University, Norway) & Rodrigo Sosa (Universidad Iberoamericana, Mexico)
18:45-19:30	AUDITORIUM HALL: Invited Lecture. “Will clever crows fundamentally change our account of animal learning?” Julian C. Leslie (Ulster University, Ireland)
20:30	Guided tour of Ávila city (3 groups - 1 will be in English). Meeting point at “Centro de recepción de visitantes” (Avenida de Madrid, 39)

FRIDAY, 14th SEPTEMBER

MORNING	
9:00-11:00	CONFERENCE ROOM 8: Talk Session 7. “Animal learning and cognition”. Chair: Ignacio Loy (Universidad de Oviedo, Spain) 1. Atropine blocks the development of tolerance and memory reconsolidation in Planaria. Rafat A. Mohammed Jawad, <u>Jose Prados</u> & Claire Hutchinson (University of Leicester, UK) 2. A different use of the hippocampus by males and females? A preliminary study in rats. Ferran Lugo, Marta N. Torres & <u>Victoria D. Chamizo</u> (Universitat de Barcelona, Spain) 3. Physical cognition in forest buffalo (Syncerus caffer nanus): A

<p>9:00-11:00</p>	<p>study on object permanence. <u>Mónica Boada</u> (Universitat de Barcelona, Spain), Federica Amici (Istituto Max Planck, Universidad de Leipzig, Germany), Montserrat Colell (Universitat de Barcelona, Spain), Conrad Enseñat (Zoo de Barcelona, Spain) & Álvaro López-Caicoya (Universitat de Barcelona, Spain)</p> <p>4. Inhibitory learning in the cricket <i>Gryllus bimaculatus</i>. <u>Beatriz Alvarez</u> (Hokkaido University, Japan), Kanta Terao (Hokkaido University, Japan), Yukihisa Matsumoto (Tokyo Medical and Dental University, Japan) & Makoto Mizunami (Hokkaido University, Japan)</p> <p>5. Learning from the mistakes of others: Ants avoid predators' pit traps after rescuing trapped nestmates. <u>Karen L. Hollis</u> (Mount Holyoke College, USA) & Elise Nowbahari (Université Paris 13, France)</p>
<p>9:00-11:00</p>	<p>AUDITORIUM HALL: Talk Session 8. "Delay, choice, and reward". Chair: Armando Machado (Universidade do Minho, Portugal)</p> <p>1. Evidence of pre- and post-pellet schedule-induced drinking in a delay-discounting task. <u>Gabriela E. López-Tolsa</u>, <u>Natalia Puig</u> & Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)</p> <p>2. Impulsivity: Intolerance to delayed consequences or to response effort? <u>Sergio Ramos</u> & Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)</p> <p>3. Motivational modulation of consummatory successive negative contrast. <u>Juan Carlos Ruiz-Salas</u> (Universidad de Sevilla, Spain), Auxiliadora Mena (Universidad de Sevilla, Spain), L. Gonzalo de la Casa (Universidad de Sevilla, Spain) & Mauricio R. Papini (Texas Christian University, USA)</p> <p>4. Comparing two different choice procedures to estimate the value of alternatives. <u>Óscar García-Leal</u>, Laurent Ávila-Chauvet & Jonathán Buritica (Universidad de Guadalajara, Mexico)</p> <p>5. Delayed rewards facilitate habits: A translational approach. <u>Gonzalo P. Urcelay</u> (University of Leicester, UK), Selina Chadha (University of Leicester, UK), Sietse Jonkman (The Boston Consulting Group, USA), Anushka Fernando (University College London, UK) & Omar D. Pérez (California Institute of Technology, USA)</p> <p>6. Sex differences in nicotine-induced impulsivity and its reversal with bupropion. <u>Javier Íbias</u> & Arbi Nazarian (Western University of Health Sciences, USA)</p> <p>7. The inter-trial-interval in delay discounting experiments on an animal model of ADHD. <u>Espen Sjøberg</u> (Oslo Metropolitan University, Norway), Per Holth (Oslo Metropolitan University, Norway), Espen Borgå Johansen (Oslo Metropolitan University, Norway), Gabriela E. López-Tolsa (Universidad Nacional de Educación a Distancia, Spain), Sergio Ramos (Universidad Nacional de Educación a Distancia, Spain) & Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)</p>

	<p>CONFERENCE ROOM 9&10: Talk Session 9. “Attention, cues, and interference”.</p> <p>Chair: Isabel de Brugada (Universidad de Granada, Spain)</p> <p>1. The effects of learned predictiveness and uncertainty on attention depend on task difficulty. Chang-Mao Chao, Anthony McGregor & <u>David J. Sanderson</u> (Durham University, UK)</p> <p>2. An extinction cue does not necessarily prevent response recovery after extinction. <u>Javier Bustamante</u>, Consuelo San Martín, Mario A. Laborda & Gonzalo Miguez (Universidad de Chile, Chile)</p> <p>3. The role of the GluA1 AMPAR subunit in cue competition. <u>Jasmin Strickland</u>, Joseph Austen & David Sanderson (Durham University, UK)</p> <p>4. Retardation of conditioning a differential inhibitor is attenuated by associative interference in human predictive learning. <u>Gabriel González</u>, José Andrés Alcalá, Pedro Manuel Ogállar, José Enrique Callejas-Aguilera & Juan M. Rosas (Universidad de Jaén, Spain)</p> <p>5. The effect of predictive cues on children’s behavior using a Pavlovian-to-instrumental transfer (PIT) task. <u>Daniel E. Alarcón</u> (Universidad de Chile, Chile) & Charlotte Bonardi (University of Nottingham, UK)</p> <p>6. Spatial stability and cue type do not influence blocking in spatial learning. <u>Anthony McGregor</u> (Durham University, UK), Adina Lew (Lancaster University, UK) & Matthew G. Buckley (Durham University, UK)</p> <p>7. Transitive inference remains despite overtraining on premise pair C+D-. <u>Héctor Camarena</u>, Óscar García-Leal, José Burgos, Felipe Parrado & Laurent Ávila (Universidad de Guadalajara, Mexico)</p>
11:00-12:00	<p>AUDITORIUM CORRIDOR & BUILDING HALL:</p> <p>Poster session II & Coffee</p>
12:00-12:45	<p>AUDITORIUM HALL: Invited Lecture. “A model for (mis)predicting the future”. Sarah Cowie (The University of Auckland, New Zealand)</p>
13:00-14:00	<p>AUDITORIUM HALL: Discussion Panel. “Neuroscience and behaviour”.</p> <p>Chair: Miguel Miguéns (Universidad Nacional de Educación a Distancia, Spain)</p> <p>Other participants: Milagros Gallo (Universidad de Granada, Spain), José Antonio González (Universidad de Salamanca, Spain) & Carmen Torres (Universidad de Jaén, Spain)</p>
13:00-14:00	<p>CONFERENCE ROOM 9&10: Talk Session 10. “Flavour learning”.</p> <p>Chair: Matías López (Universidad de Oviedo, Spain)</p> <p>1. Flavor learning and its non-genetic inheritance in rats. <u>Fernando Rodríguez-San Juan</u> & Gabriel Rodríguez (Universidad del País Vasco UPV/EHU, Spain)</p> <p>2. The role of context during the consumption of a novel flavor. <u>Lucía Vicente</u>, Félix Hermoso & L. Gonzalo de la Casa (Universidad de Sevilla, Spain)</p> <p>3. Conditioned and unconditioned taste reactivity responses:</p>

	Support for 2-dimensional interpretations of hedonic reactions in rats. <u>Dominic Dwyer</u> (Cardiff University, UK), Patricia Gasalla (Cardiff University, UK) & Matías López (Universidad de Oviedo)
14:00-15:45	Lunch at the restaurant “El Lienzo” (Short shuttle ride by bus at 14:00)
AFTERNOON	
16:00-16:45	AUDITORIUM HALL: Invited Lecture. “On the form and function of temporal generalization gradients”. Armando Machado (Universidade do Minho, Portugal)
17:00-18:00	AUDITORIUM HALL: Discussion Panel. “Selection, strengthening, or expectation: What does reinforcement mean?”. Chair: Pedro Vidal (Universidad Nacional de Educación a Distancia, Spain) Other participants: Felipe Cabrera (Universidad de Guadalajara, Mexico), Sarah Cowie (The University of Auckland, New Zealand), Justin Harris (Sydney University, Australia) & Peter R. Killeen (Arizona State University, USA)
17:00-18:00	CONFERENCE ROOM 9&10: Talk Session 11. “Perceptual learning”. Chair: M ^a Carmen Sanjuan (Universidad del País Vasco UPV/EHU, Spain) 1. Perceptual learning and associative inhibition in a prolonged pre-exposure to AX and BX. <u>Celia Gordón</u> , Roberto de Selys & Antonio A. Artigas (Universitat de Barcelona, Spain) 2. Self-reinforcing mechanisms of stimulus comparison in non-human animals. <u>Gabriel Rodríguez</u> , Unai Liberal, Asier Angulo-Alcalde, Fernando Rodríguez-San Juan & Gumersinda Alonso (Universidad del País Vasco UPV/EHU, Spain) 3. Static and dynamic arrangement of AX and BX stimuli in perceptual learning. <u>Bernardo Jiménez</u> , Juana Marcela & Rosalva Cabrera (Universidad Nacional Autónoma de México, Mexico)
18:00-19:15	AUDITORIUM HALL: Department of Basic Psychology I Lecture. “Inhibition and flexibility: The canaries in the coal mine”. Pilar Flores (Universidad de Almería, Spain)
19:15-19:30	AUDITORIUM HALL: Closing ceremony with award winner announcement for best poster.
19:30-20:00	AUDITORIUM HALL: Meeting of the Society.
21:30	Dinner at “Palacio de los Velada”.

POSTER SESSIONS

Poster sessions will be held at the **auditorium corridor** on 13 and 14 September. Posters should be set between 09:00 and 11:00 in the place marked with its corresponding number and removed by the end of the day. **Authors will be by their poster from 11:00 to 12:00 during the coffee break.** Posters should have horizontal format and a maximum size of 120 cm wide and 80 cm tall. The invited speakers will visit and evaluate all posters and a **prize will be awarded to the best one.**

POSTER SESSION I	
Thursday 13th September	
01	Instructional control in choice tasks: The relation between the type of schedule and relative expected values. <u>Álvaro Viúdez</u> , José Keating & Joana Arantes (Universidade do Minho, Portugal)
02	Choice of food sets by angelfish (<i>Pterophyllum scalare</i>) using a new method. <u>Luis M. Gómez</u> & Eva Díaz (Universidad de Oviedo, Spain)
03	Preclinical study on a common trait of different neuropsychiatric disorders: Compulsivity. <u>Elena Martín-González</u> , Ángeles Prados-Pardo, Santiago Mora, Pilar Flores & Margarita Moreno (Universidad de Almería, Spain)
04	Effects of interpolated stimulation on short-term habituation in the earthworm (<i>Aporrectodea longa</i>). <u>Cristina Arévalo</u> , Mónica Agudo, Sebastián Sanz-Martos, David Reyes-Jiménez & Concepción Paredes-Olay (Universidad de Jaén, Spain)
05	Associative activation of the distinctive features enhances discrimination when comparison is not allowed. <u>Jesús Sánchez</u> , Ana González, Beatriz Juan & Isabel de Brugada (Universidad de Granada, Spain)
06	Differences between male and female mice in behavioral activation and effort-related decision making. <u>Andrea Martínez-Verdú</u> (Universitat Jaume I, Spain), Carla Carratalá-Ros (Universitat Jaume I, Spain), Régulo Olivares-García (Universitat Jaume I, Spain), Patricia Ibáñez-Marín (Universitat Jaume I, Spain), John Salamone (University of Connecticut, USA) & Mercè Correa (Universitat Jaume I, Spain)
07	Schedule-induced behaviours as a behavioural clock in a differential reinforcement of low rates schedule. <u>Natalia Puig</u> , <u>Gabriela E. López-Tolsa</u> & Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)
08	Effects of activity-based anorexia in female rats as measured on a progressive ratio schedule. <u>Ana de Paz</u> , <u>Pedro Vidal</u> & Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)
09	Context conditioning of locomotor activity after infusion of haloperidol into the nucleus accumbens. <u>Francisco José Pérez-Díaz</u> , Lucía Cárcel, Juan Carlos Ruiz-Salas, Auxiliadora Mena & L. Gonzalo de la Casa (Universidad de Sevilla, Spain)
10	Transient effects of d-cycloserine on extinction learning. <u>Consuelo San Martín</u> , Felipe Alfaro, Javier Bustamante, Gonzalo Miguez & Mario A. Laborda (Universidad de Chile, Chile)
11	Effects of ambient temperature on the reversal of activity-based anorexia (ABA). Nuria Losada, Marta Dávila, Angela Fraga, Olaia Carrera & <u>Emilio Gutiérrez</u> (Universidad de Santiago de Compostela, Spain)
12	Manipulation of experimental conditions in recovery from activity-based Anorexia Nervosa (ABA). Marta Davila, Angela Fraga, Nuria Losada & <u>Emilio Gutiérrez</u> (Universidad de Santiago de Compostela, Spain)
13	Numerosity generalization gradients in the pigeon. <u>Nicole Félix</u> & Armando Machado (Universidade do Minho, Portugal)

14	Motion patterns in a bisected interval: Pigeons and humans. Renata Cambraia, Marco Vasconcelos & <u>Armando Machado</u> (Universidade do Minho, Portugal)
15	Habituation as an underlying mechanism for sensory specific satiety. <u>Ana González</u> (Universidad de Granada, Spain), Sergio Andrés Recio (University of Cambridge, UK), Jesús Sánchez (Universidad de Granada, Spain), Marta Gil (Universidad Internacional de la Rioja, Spain) & Isabel de Brugada (Universidad de Granada, Spain)
16	Individual social fear memory in rats selectively bred for high and low anxiety: Involvement of vasopressin. <u>Marianella Masís</u> & Inga D. Neumann (Universität Regensburg, Germany)
17	Inhibitory control traits in a population with psychotic, personality and eating disorder. <u>Ana Sánchez-Kuhn</u> , Alline Cavalcante, Roberto Álvarez, Fernando Sánchez-Santed, Margarita Moreno & Pilar Flores (Universidad de Almería, Spain)
18	Analysis of attentional processes in animal models of Parkinson's disease. Inmaculada Márquez, Mario F. Muñoz, Antonio Ayala, <u>Juan Carlos López</u> & Estrella Díaz (Universidad de Sevilla, Spain)
19	Stimulus control of the temporal distribution of schedule-induced drinking. <u>Raúl Ávila</u> , María Moguel & Moisés Villalobos (Universidad Nacional Autónoma de México, Mexico)
20	Temporal discounting of aversive stimulation in Spontaneously Hypertensive Rats. <u>Fernanda González-Barriga</u> , Daniel Maldonado, Rodrigo Alba & Vladimir Orduña (Universidad Nacional Autónoma de México, Mexico)
21	Glutamatergic modulators as a new tool to treat compulsivity: Preclinical studies on schedule-induced polydipsia. Ángeles Prados-Pardo, Elena Martín-González, Santiago Mora, Ana Merchán, Pilar Flores & <u>Margarita Moreno</u> (Universidad de Almería, Spain)
22	Associative learning in the cricket <i>Gryllus bimaculatus</i>. <u>Beatriz Álvarez</u> (Hokkaido University, Japan), Hiroki Ebina (Hokkaido University, Japan), Kanta Terao (Hokkaido University, Japan), Yukihsa Matsumoto (Tokyo Medical and Dental University, Japan) & Makoto Mizunami (Hokkaido University, Japan)
23	Conditional self-discrimination in young Wistar rats. <u>Jairo A. Rozo</u> (Fundación Universitaria Los Libertadores, Colombia) & Andrés M. Pérez-Acosta (Universidad del Rosario, Colombia)
24	Effects of exploration bias in rodents on performance in the NOR and hole-board memory tasks. Fabiola Ávila-Gámiz (Universidad de Málaga, Spain), Alejandro Grau-Perales (Universidad de Granada, Spain), Patricia Sampedro-Piquero (Universidad de Málaga, Spain), M. Carmen Mañas-Padilla (Universidad de Málaga, Spain), Estela Castilla-Ortega (Hospital Regional Universitario de Málaga, Spain), Luis J. Santín (Universidad de Málaga, Spain) & <u>Milagros Gallo</u> (Universidad de Granada, Spain)
25	Central amigdala but not medial prefrontal cortex NMDA lesions impair taste recognition memory in rats. <u>Alejandro Navarro-Expósito</u> , Clara

	Cándido-Corral, Alejandro Grau-Perales, Enrique Morillas, Beatriz Gámez-Chacón & Milagros Gallo (Universidad de Granada, Spain)
26	Social environment effects on exploration and learning in pre-juvenile rats. Klaudia Modlinska, Anna Chrzanowska & <u>Wojciech Pisula</u> (Polish Academy of Sciences, Poland)
27	The role of personal involvement in children's perceptions of control. <u>M. Manuela Moreno</u> , Fernando Blanco & Helena Matute (Universidad de Deusto, Spain)
28	The role of non-associative factors on context conditioning with haloperidol as the US. <u>Auxiliadora Mena</u> , Lucía Cárcel, Juan Carlos Ruiz-Salas, Lucía Vicente, Félix Hermoso, Francisco José Pérez-Díaz & L. Gonzalo de la Casa (Universidad de Sevilla, Spain)
29	Partial extinction and reinstatement. <u>María J. Quintero</u> (Universidad de Málaga, Universidad de Granada, Spain), Patricia Molina (Universidad de Málaga, Spain), Amanda Flores (Universidad de Málaga, Spain), Francisco J. López (Universidad de Málaga, Spain) & Joaquín Morís (Universidad de Oviedo, Spain)
30	Dissociating response restraint and response cancellation with a feature-negative discrimination procedure. <u>Rodrigo Sosa</u> (Universidad Iberoamericana, Mexico)
31	The role of aversiveness in the relationship between intolerance of uncertainty and inflexible avoidance. <u>Amanda Flores</u> (Universidad de Málaga, Spain), Francisco J. López (Universidad de Málaga, Spain), Bram Vervliet (University of Leuven, Belgium) & Pedro L. Cobos (Universidad de Málaga, Spain)
32	Avoidance of flavours paired with drugs of abuse: Cocaine produces responses different to disgust or fear. <u>Patricia Gasalla</u> (Cardiff University, UK), Matías López (Universidad de Oviedo, Spain), Jack Riordan (Cardiff University, UK) & Dominic M. Dwyer (Cardiff University, UK)
33	The financial cost of a non-contingent cue modulates causal illusions. <u>Marcos Díaz-Lago</u> , Fernando Blanco & Helena Matute (Universidad de Deusto, Spain)
34	Dissociation of food-finding, following food-attraction conditioning in the snail <i>Cornu aspersum</i>. <u>Judit Muñiz-Moreno</u> , Clara Muñiz-Diez, Beatriz Álvarez & Ignacio Loy (Universidad de Oviedo, Spain)
35	Renewal whit in a compound CS: Less salient cue as context. <u>Javier Vila</u> (Universidad Nacional Autónoma de México, Mexico), Fátima Iturria-Rojas (Universidad Nacional Autónoma de México, Mexico) & Angélica Alvarado (CICS Sto.Tomás, IPN, Mexico)

POSTER SESSION II Friday 14th September	
01	The decrease of operant behavior during differential reinforcement of other behaviors is context dependent. <u>Javier Vila</u> , Fátima Rojas-Iturria, Jesús Pérez & Rodolfo Bernal-Gamboa (Universidad Nacional Autónoma de México, Mexico)

02	Improvement of discriminated avoidance in humans by specific EC-EI associations. Josué Domínguez-Martínez, Fátima Rojas-Iturria, Jesús Pérez & <u>Javier Vila</u> (Universidad Nacional Autónoma de México, Mexico)
03	Dopamine antagonists reduce selection of reinforcers that require vigor: Correlation with DARPP32 phosphorylation patterns. <u>Patricia Ibáñez-Marín</u> (Universitat Jaume I, Spain), Carla Carratalá-Ros (Universitat Jaume I, Spain), Andrea Martínez-Verdú (Universitat Jaume I, Spain), Régulo Olivares-García (Universitat Jaume I, Spain), John Salamone (University of Connecticut, USA) & Mercè Correa (Universitat Jaume I, Spain)
04	Recognition memory: Spacing effects. <u>Leona Ryan</u> & Jasper Robinson (University of Nottingham, UK)
05	Cue selectivity in taste preference learning. <u>John Riordan</u> (Cardiff University, UK), Patricia Gasalla (Cardiff University, UK), Matías Lopez (Universidad de Oviedo; Spain) & Dominic M. Dwyer (Cardiff University, UK)
06	Relationships between personality dimensions and frustration. <u>Loida Morillo</u> (Universidad de Jaén, Spain), Rafael Torrubia (Universitat Autònoma de Barcelona, Spain), Antonio Ibáñez (Universidad de Jaén, Spain), Soraya Luque (Universidad de Jaén, Spain) & Carmen Torres (Universidad de Jaén, Spain)
07	Development of a task to induce successive negative contrast in humans: A preliminary study. <u>Loida Morillo</u> , Antonio Ibáñez, Irene Talavera & Carmen Torres (Universidad de Jaén, Spain)
08	Extinction proceeds more slowly in a red than in a blue context in human conditioned avoidance. <u>José A. Alcalá</u> , Davinia Rodríguez, José E. Callejas-Aguilera & Juan M. Rosas (Universidad de Jaén, Spain)
09	Associative learning in humans: Latent inhibition and its context specificity. <u>Manuel Aranzubia</u> , M ^a Carmen Sanjuan & James Byron Nelson (Universidad del País Vasco UPV/EHU, Spain)
10	Extinction makes acquisition context dependent in human conditioned avoidance. <u>Pedro M. Ogallar</u> (Universidad de Jaén, Spain), José E. Callejas-Aguilera (Universidad de Jaén, Spain), Juan M. Rosas (Universidad de Jaén, Spain) & Jeffrey A. Lamoureux (Boston College, USA)
11	Analysis of the effect of the interval between stimuli and the change of context on the habituation in the earthworm (<i>Eisenia foetida</i>). Raquel Hernández & <u>Roberto Álvarez</u> (Universidad de Almería, Spain)
12	Hedonic impact of reward devaluation in adult rats after binge-like ethanol exposure during adolescence. <u>Matías López</u> , Francisca Carvajal & José Manuel Lerma-Cabrera (Universidad de Oviedo, Spain)
13	The experience of extinction attenuates latent inhibition in rats' appetitive conditioning. José A. Alcalá, Gabriel González, Juan M. Rosas & <u>José E. Callejas-Aguilera</u> (Universidad de Jaén, Spain)
14	Laterality and temporal distribution of reaching movements in rats. <u>Felipe Cabrera</u> & Salvador Ortega (Universidad de Guadalajara, Mexico)
15	Association between eyewitness memory and latent inhibition. <u>Fernando Rodríguez-San Juan</u> & Gabriel Rodríguez (Universidad del País Vasco UPV/EHU, Spain)

16	Effects of prenatal exposure to alcohol flavor in the absence of acetaldehyde on neonatal and infant acceptance of alcohol. <u>Asier Angulo</u> , Mirari Gaztañaga & M ^a Gabriela Chotro (Universidad del País Vasco UPV/EHU, Spain)
17	An eye-tracking procedure with human participants that parallels the rodent ‘relative recency’ object memory task. Aleksander W. Nitka & <u>Jasper Robinson</u> (University of Nottingham, UK)
18	Studies of habituation in earthworms: Spontaneous recovery and generalization of the habituation. <u>David Reyes-Jiménez</u> , Sebastián Sanz-Martos, Juan A. Membrive-Galera, Cristina Arévalo-Pedrosa, María J. F. Abad & Concepción Paredes-Olay (Universidad de Jaén, Spain)
19	Effect of level of deprivation on the expression of taste neophobia in rats. <u>Unai Liberal</u> , Fernando Rodríguez-San Juan & Gabriel Rodríguez (Universidad del País Vasco UPV/EHU, Spain)
20	Extinction-cues: Intermittent vs. Continuous. <u>Tere A. Mason</u> (Universidad Nacional Autónoma de México, Mexico), Javier Nieto (Universidad Nacional Autónoma de México, Mexico), A. Matías Gámez (Universidad de Cádiz, Universidad de Jaén, Spain) & Rodolfo Bernal-Gamboa (Universidad Nacional Autónoma de México, Mexico)
21	An extinction-cue reduces spontaneous recovery, renewal and a combined effect of both in a human predictive learning task. A. Matías Gámez (Universidad de Cádiz, Universidad de Jaén, Spain) & <u>Rodolfo Bernal-Gamboa</u> (Universidad Autónoma de México, Mexico)
22	Landmarks overshadow boundary cues in a computer-generated task. <u>Joe M. Austen</u> , Matthew G. Buckley & Anthony McGregor (Durham University, UK)
23	Escape rooms: Landmark-action associations compete with learning a sequence of turns along a route. <u>Matthew G. Buckley</u> (Durham University, UK), Adina Lew (Lancaster University, UK) & Anthony McGregor (Durham University, UK)
24	Does extinction in multiple contexts prevent response recovery? A preliminary meta-analysis. <u>Marcela Soto</u> , Javier Bustamante, Gonzalo Miguez & Mario A. Laborda (Universidad de Chile, Chile)
25	Finding the way in a virtual Dashiell maze. <u>Idania Zepeda</u> , Odalis Arboleyda & Felipe Cabrera (Universidad de Guadalajara, Mexico)
26	Consumption patterns in the social foraging of pigeons exposed to different types of grain. Martha Elisa López, Alicia Mariana González, <u>Bernardo Jiménez</u> & Rosalva Cabrera (Universidad Nacional Autónoma de México, Mexico)
27	Environmental enrichment effects on schedule-induced drinking acquisition in rats. <u>Raquel Pascual-Beato</u> , Felizdania Hernández, Esmeralda Fuentes-Verdugo, Gabriela E. López-Tolsa & Ricardo Pellón (Universidad Nacional de Educación a Distancia, Spain)
28	Environmental enrichment and cooperative social coordination. Gabriela Franco & <u>Óscar Zamora</u> (Universidad Nacional Autónoma de México, Mexico)

29	Conditioned olfactory preference with caloric and non-caloric reinforcers: Effect of deprivation level. <u>Luis E. Gómez-Sancho</u> , Luis M. Traverso & L. Gonzalo de la Casa (Universidad de Sevilla, Spain)
30	Estimates of the likelihood of threats are related to intolerance of uncertainty and learning. <u>Diana Gómez</u> , Amanda Flores, Francisco J. López & Pedro L. Cobos (Universidad de Málaga, Spain)
31	Increased ethanol consumption induced by reward loss: Effects on behavior in the elevated plus-maze. <u>Rocío Donaire</u> (Universidad de Jaén, Spain), Laura Martínez (Universidad de Jaén, Spain), Mauricio R. Papini (Texas Christian University, USA) & Carmen Torres (Universidad de Jaén, Spain)
32	An ecological environment to evaluate attention in neurodevelopmental disorders: A preliminary study through virtual reality. <u>Pilar Fernández</u> (Universidad de Almería, Spain), Rosa Cánovas (Universidad de Almería, Spain), Margarita Moreno (Universidad de Almería, Spain), Iván Darío Delgado-Mejía (Universidad Autónoma de la Asunción, Paraguay), Sofía Lalor (Instituto de Neurología Cognitiva INECO, Argentina), Fernando Sánchez-Santed (Universidad de Almería, Spain) & Pilar Flores (Universidad de Almería, Spain)
33	Is orbitofrontal cortex implicated in inhibitory control? A transcranial direct current stimulation study. <u>José Juan León</u> , Ana Sánchez-Kuhn, María Auxiliadora Páez-Pérez, Fernando Sánchez-Santed, Margarita Moreno & Pilar Flores (Universidad de Almería, Spain)
34	Mechanisms underlying the US-preexposure effect with a non-nutritive US. <u>Marta Gil</u> (Universidad Internacional de La Rioja, Spain), Geoffrey Hall (University of York, UK, University of New South Wales, Australia) & Isabel de Brugada (Universidad de Granada, Spain)