

e a b a

european association for behaviour analysis

**Fourth Conference of the European Association
for Behaviour Analysis**

**Madrid, Spain
9th – 12th September, 2008**

ORGANISING COMMITTEE

Professor Phil Reed, President of EABA
Dr. Geraldine Leader, Treasurer of EABA
Professor Ricardo Pellón, Host of EABA

LOCAL ORGANISING COMMITTEE

Professor Ricardo Pellón
Dr. Javier Virués-Ortega
Dr. Nuria Ortega
Dr. María José Contreras
Mrs. Ángeles Pérez Padilla

THE COMMITTEE THANKS

Mr. Javier Ibias
Dr. Lisa A. Osborne
Ms. Almudena García Pelaez

Conference Overview

Overview	9.00 -11.00		11.30 - 1.30	2.30 - 4.00	4.30 - 6.00	6.00 - 7.00	7.00 - 8.00
Tuesday, 9th	Workshop: Precision Teaching		Workshop: Precision Teaching	Workshop: Precision Teaching	Posters: General	Invited Address: Frances McSweeney	Welcome Party
	Registration		Workshop: Signs as Communication	Workshop: Signs as Communication			
			Workshop (In Spanish): 'Love'	Workshop (In Spanish): 'Love'			
Wednesday, 10th	EABA Business Meeting	Invited Address: Ramon Bayés (In Spanish, with English Translation)	Symposium: Precision Teaching	Symposium: Basic Research	Symposium: Behavioural Pharmacology	Posters: Basic Research	Invited Address: K. Geoffrey White
	Registration		Symposium: New Developments in Therapy	Symposium: RFT and Empathy	Symposium: Equivalence Classes		
			Symposium (In Spanish): Basic Research	Symposium (In Spanish): Basic Research	Symposium (In Spanish): Therapy		
Thursday, 11th	Symposium: Naming as an Emergent Verbal Developmental Capability		Symposium: Basic Research	Symposium: Behavioural Neurobiology of Timing and Inter-Temporal Choice	Symposium: Behavioural Neurobiology of Timing and Inter-Temporal Choice	Posters: Equivalence and Language	Invited Address: Peter Killeen Followed by Conference Dinner
	Symposium: Conditional Discriminations and Derived Relations		Symposium: Conditional Discriminations and Derived Relations	Symposium: Behaviour Analytic Research for Autism in Greece	Symposium: Derived Stimulus Relations		
	Symposium: Stress, Anxiety, and OCD		Symposium: Autism	Symposium: Precision Teaching	Symposium: Applied Research		
Friday, 12th	Symposium: Equivalence Classes		Symposium: Conditions to Induce Novel Behaviour in Language Delayed Children	Symposium: Conceptual Issues	Invited Address: Arild Karlsen	Posters: Applied	Invited Address: Brian Iwata
	Symposium: Observation and Emergent Learning		Symposium: Advances in Stimulus Equivalence	Symposium: Adult Psychopathology			
	Symposium: Autism Research		Symposium (In Spanish): Basic Research	Symposium: Applied Research			

Translations will be provided for some events.
 CEUs may be offered by ABA Spain on all events, except for Poster Sessions.
 ABA Spain Business Meeting will be at 8.00pm on Wednesday, 10th September.

For event venues, please see below.

Tuesday, 9th September			
	<i>Sala de Juntas, Room 1.26</i>	<i>Salón de Actos</i>	<i>Salón de Grados</i>
9.00 – 9.30	Conference Starts		
9.30 – 11.00	Workshop: Introduction to precision teaching and standard celeration charting <i>C. McDowell, C. Hughes, & M. Beverley</i>	Registration	
11.00 – 11.30	Break		
11.30 – 1.30	Workshop: Introduction to precision teaching and standard celeration charting <i>C. McDowell, C. Hughes, & M. Beverley</i>	Workshop: Using signs rather than picture selection as the primary communication response form for hearing children and adults with developmental disabilities including autism <i>P. McGreevy</i>	Workshop (In Spanish): 'Love': A behaviour-analytical approach <i>T. Carrasco-Gimenez</i>
1.30 – 2.30	Break		
2.30 – 4.30	Workshop: Introduction to precision teaching and standard celeration charting <i>C. McDowell, C. Hughes, & M. Beverley</i>	Workshop: Using signs rather than picture selection <i>P. McGreevy</i>	Workshop (In Spanish): 'Love': A behaviour-analytical approach <i>T. Carrasco-Gimenez</i>
4.30 – 5.30	Posters: General <i>(Rooms 2.24 – 2.25)</i>		
5.30 – 6.00	Break		
6.00 – 7.00	Invited Address: Behavioural dynamics: Putting motivation back into behaviour <i>Frances McSweeney</i> <i>(Salón de Actos)</i>		
7.00	Welcome Party		

Wednesday, 10th September			
	<i>Sala de Juntas, Room 1.26</i>	<i>Salón de Actos</i>	<i>Salón de Grados</i>
9.00 – 10.00	EABA Business Meeting	Registration	
10.00 – 11.00	Official Welcome: Invited Address (In Spanish, with English Translation): Can there be a gold standard for measuring quality of life? <i>Ramon Bayés</i> <i>(Salón de Actos)</i>		
11.00 – 11.30	Break		
11.30 – 12.00	Symposium: Precision Teaching <i>Chair: C. Hughes</i> Children's stress and fluency training <i>R. Anchisi, E. Carlotti, & F. Cavallini</i>	Symposium: New Developments in Therapy <i>Chair: C. Luciano</i> Effectiveness of cognitive stimulation training in mild Alzheimer's disease <i>C. Emilia & R. Dolores</i>	Symposium (In Spanish): Basic Research <i>Chair: C. Flores Aguirre</i> Relative time, choice delay, and delay of reinforcement in a conditional discrimination task <i>C. Flores Aguirre & R. Mateos</i>
12.00 – 12.30	A comparison of direct teaching and fluency building in increasing use of signing by support staff for children with learning disabilities <i>D. O'Regan, J. Saunders, K. Sanderson, & A. Brookfield</i>	Stimulus generalisation in thought suppression <i>N. Hooper, J. Saunders, & L. McHugh</i>	Response acquisition under conditioned reinforcement conditions <i>C. Flores Aguirre & R. Sosa</i>
12.30 – 1.00	Increasing basic skills in maths using precision teaching and fluency based instruction <i>C. Hughes & M. Beverley</i>	The influence of paradoxical effects of thoughts suppression in sexual fantasies <i>L. Sánchez-Sánchez, C. Luciano, & D. Barnes-Holmes</i>	Differential outcomes effect: A comparison between two conditional discrimination procedures <i>R. Mateos Morfín & C. Flores Aguirre</i>

1.00 – 1.30	Endurance and application in young basketball players: effects of fluency in dribbling <i>S. Perini, F. Cavallini, & R. Cattivelli</i>	Coping strategies for unwanted thoughts under the rubric of Acceptance and Commitment Therapy (ACT) <i>D. Holland, N. Hooper, & L. McHugh</i>	Achievement domain and approach activities are necessary elements in autonomous learning <i>S. Villanueva Fortress & C. Flores Aguirre</i>
1.30 – 2.30	Lunch		
2.30 – 3.00	Symposium: Basic Research <i>Chair: G. White</i> A comparison of spontaneously hypertensive, Wistar-Kyoto, and Wistar, rats on behavioural characteristics of schedule-induced polydipsia <i>J. Ibias & R. Pellón</i>	Symposium: RFT and Empathy <i>Chair: L. McHugh</i> Effects of training of different deictic frames on the skills of empathy and taking perspective. <i>D. Hernández & I. Becerra</i>	Symposium (In Spanish): Basic Research <i>Chair: J. Virués-Ortega</i> Effects of the probability of signalling limited-hold temporal schedules <i>S. Villanueva, C. Peralta Garcia, & C. Flores Aguirre</i>
3.00 – 3.30	A detailed analysis of the post-pellet nature of schedule-induced polydipsia <i>P. Magalhães, Á. Pérez-Padilla, & R. Pellón</i>	Relational perspective taking and VBMAPP performances in Autistic Spectrum Disorder <i>L. Denne, L. McHugh, J. McElwee, & I. Stewart</i>	The rehearsal correctives type of feedback in a second-order matching-to-sample task <i>C. Peralta García & C. Flores Aguirre</i>
3.30 – 4.00	The experimental analysis of gambling behaviour: What factors control gambling in a laboratory situation? <i>J. Weatherly</i>	Training emotional perspective-taking using a multiple baseline design <i>K. Farrell, L. McHugh, Y. Barnes-Holmes, & D. Barnes-Holmes</i>	Effects of the content, frequency of feedback type, and order of transfer test in a second-order matching to sample task <i>C. Peralta García & C. Flores Aguirre</i>
4.00 – 4.30	Break		
4.30 – 5.00	Symposium: Behavioural Pharmacology <i>Chair: D. Shaw</i> Facilitation of operant extinction by D-Cycloserine <i>K. Norwood, M. Begley, P. Kennedy, D. Shaw, & J. Leslie</i>	Symposium: Equivalence Classes <i>Chair: D. Dickins</i> Acquisition of number concept: Some fundamental variables and experimental procedures <i>J. dos Santos Carmo, L. de Oliveira Cunha, L. Feio, R. Mendes Éleres de Figueiredo, & P. Eugênio Pereira Aloi</i>	Symposium (In Spanish): Therapy <i>Chair: R. Bayés</i> Development of a category system for the study of clients' verbal behaviour during dispute techniques <i>M. Xesús Froján, I. Vargas, A. Calero, & M. Montaña</i>

5.00 – 5.30	Effects of chlordiazepoxide on extinction of positively reinforced runway behaviour in mice <i>S. McGovern, P. Kennedy, D. Shaw, & J. Leslie</i>	A neurological measure of the effect of reinforcement on equivalence class formation <i>T. Wang, R. Whelan, & L. McHugh</i>	Beginners practising a basic mindfulness technique: An experimental analysis <i>I. Mañas Mañas, C. Luciano Soriano, & L. Sánchez Sánchez</i>
5.30 – 6.00	Effects of short or long intervals between sessions on facilitation of operant extinction by Chlordiazepoxide or D-Cycloserine <i>J. Leslie, K. Norwood, S. McGovern, M. Begley, P. Kennedy, & D. Shaw</i>	A procedure for rapid acquisition of multiple trained and derived relations without trial-by-trial reinforcement in training <i>A. Ozolins & D. Dickins</i>	The formation of sexual fantasies by means of the suppression of exciting thoughts <i>L. Sánchez-Sánchez, C. Luciano, & D. Barnes-Holmes</i>
6.00 – 7.00	Posters: Basic Research (Rooms 2.24 – 2.25)		
7.00 – 7.45	Invited Address: Memory on islands of time <i>K. Geoffrey White</i> (Salón de Actos)		
8.00 – 9.00	ABA Spain Business Meeting (Sala de Juntas, Room 1.26)		

Thursday, 11th September

	<i>Sala de Juntas, Room 1.26</i>	<i>Salón de Actos</i>	<i>Salón de Grados</i>
9.00 – 9.30	<p>Symposium: Naming as an Emergent Verbal Developmental Capability <i>Chair: R. Douglas Greer</i> Naming as a dependent variable <i>R. Douglas Greer</i></p>	<p>Symposium: Conditional Discriminations and Derived Relations in Pigeons, Humans, and Computers <i>Chair: A. García García</i> Symmetry as a generalised operant <i>N. Ortega Lahera, J. Ibias Martín, V. Pérez Fernández, & A. García García</i></p>	<p>Symposium: Stress, Anxiety, and OCD <i>Chair: R. Mellon</i> Math anxiety: A behaviour-analytic perspective <i>J. dos Santos Carmo, L. do Socorro Rodrigues Feio, L. de Oliveira Cunha, & R. Mendes Éleres de Figueiredo</i></p>
9.30 – 10.00	<p>Reading comprehension as a function of the acquisition of naming in economically disenfranchised middle school students <i>Y. Helou-Care & R. Douglas Greer</i></p>	<p>Learning without explicit reinforcement in a matching-to-sample procedure <i>V. Pérez Fernández & A. García García</i></p>	<p>Hypnosis in the improvement of the muscular force and the pre-competition stress <i>R. Fernández & L. Sánchez</i></p>
10.00 – 10.30	<p>Sources of reinforcement for naming: Pavlovian second-order conditioning and the echoic <i>J. Longano & R. Douglas Greer</i></p>	<p>Competition phenomena taking part on the relation among equivalence relations: Overshadowing and blocking <i>C. Bhórquez Zayas, A. García García, V. Pérez Fernández, & M. Teresa Gutiérrez Domínguez</i></p>	<p>Adventitious reinforcement and safety signal establishment in obsessive-compulsive disorder <i>R. Mellon</i></p>
10.30 – 11.00	<p>The effects of multiple exemplar and intensive tact instructional histories on the acquisition of naming in preschoolers <i>N. Pistoljevic & R. Douglas Greer</i></p>	<p>Competence between exteroceptive and proprioceptive conditional stimuli in a conditional discrimination task: Influence of the discriminability and the kind of comparison <i>M. Rodríguez García, A. García García, M. Gutiérrez Domínguez, V. Pérez Fernández, & C. Bohórquez Zayas</i></p>	<p>Sidman avoidance and obsessive compulsive disorder. <i>A. Hassoulas, P. Reed, & L. McHugh</i></p>
11.00 – 11.30	Break		

11.30 – 12.00	Symposium: Basic Research <i>Chair: F. McSweeney</i> Verbal and nonverbal rewards and punishments in generalised first-order matching-to-sample <i>G. García, M. Serrano, & A. López</i>	Extension of equivalence classes by second-order conditioning: A study of relative validity <i>Á. Carrasco Camacho, M. Gutiérrez Domínguez, & A. García García</i>	Symposium: Autism <i>Chair: R. Douglas Greer</i> Family experiences of applied behaviour analysis and Autism Spectrum Disorder in Ireland North and South <i>M. Keenan, K. Dillenburger, A. Doherty, T. Byrne, & S. Gallagher</i>
12.00 – 12.30	Verbal and nonverbal rewards and punishments in generalised contextual second-order matching-to-sample <i>G. García, M. Serrano, & A. López</i>	A computational model for the formation of equivalence classes <i>A. García García, J. Hernández, & M. Gutiérrez Domínguez</i>	Quantitative effectiveness of ABA intervention <i>J. Virués-Ortega, J. Carnerero, A. Pastor Sanz, M. Rebollar, & L. Pérez-González</i>
12.30 – 1.00	Effect of time scale and sign on generalisation at serial duration difference in humans <i>O. Lefebvre & J. C. Darcheville</i>	Establishing equivalence relations employing stimulus animation <i>I. Mañas Mañas, C. Luciano Soriano, & D. Barnes-Holmes</i>	The roots of success: An evaluation of Saplings School for children 0-6 with an Autism Spectrum Disorder (ASD) <i>J. McMahon & V. Cullinan</i>
1.00 – 1.30	Timing judgement and interval-schedule performance deficits in high scorers in schizotypy <i>J. Randell & P. Reed</i>	Experimental procedures in stimulus equivalence <i>I. Mañas Mañas, C. Luciano Soriano, & D. Barnes-Holmes</i>	Evidence-based practices in research institute for the handicapped <i>E. Tekin-Iftar</i>
1.30 – 2.30	Lunch		
2.30 – 3.00	Symposium: Behavioural Neurobiology of Timing and Inter-Temporal Choice <i>Chair: C. Bradshaw</i> Behavioural and neural mechanisms of interval timing behaviour: Dopamine/5-hydroxytryptamine interactions <i>S. Body</i>	Symposium: Recent Advances in Behaviour Analytic Research for Autism in Greece <i>Chair: A. Gena</i> The family of children with autism in Greece <i>M. Makrygianni & P. Reed</i>	Symposium: Precision Teaching <i>Chair: S. Perini</i> Teaching Italian with precision teaching <i>C. Giorgia, F. Cavallini, & S. Perini</i>

3.00 – 3.30	Behavioural pharmacology of timing: Effects of direct and indirect dopamine agonists and antagonists <i>D. Velazquez Martinez</i>	Using self-management to teach independent social interactions to preschoolers with autism <i>P. Galanis & A. Gena</i>	An application of precision teaching in an Italian elementary school <i>R. Dolores, C. Giorgia, & F. Cavallini</i>
3.30 – 4.00	Striatal activity in anticipation of temporally predictable and unpredictable reinforcement in the rat <i>M. Matell</i>	A behavioural systems approach to the treatment of autism <i>A. Gena</i>	Down syndrome and fluency syndrome: Basic reading skills with precision teaching <i>S. Perini, F. Cavallini, & F. Berardo</i>
4.00 – 4.30	Break		
4.30 – 5.00	Imaging time in humans <i>T. Penney</i>	Symposium: Derived Stimulus Relations <i>Chair: E. Arntzen</i> Effects of equivalence in the generalisation of “yes”-“no” relations with conditional discriminations with visual stimuli <i>L. Pérez-González, B. Antuña-Cerredo, A. Aedo-Fernández, & A. Gispert-Prieto</i>	Symposium: Applied Research <i>Chair: G. Williams</i> Stimulus-stimulus pairing teaching verbal discrimination to a 15 year-old boy with autism and Downs syndrome <i>B. Bisailon & T. Hyder</i>
5.00 – 5.30	Behavioural and neural mechanisms of inter-temporal choice <i>C. Bradshaw</i>	Acquisition and transfer of conditional discriminations under different elaboration feedback conditions <i>G. García, M. Serrano, & A. López</i>	Echoic extension: An effective procedure to teach echoic repertoire and other verbal skills <i>G. Williams, M. Rodríguez-Mori, & M. Fernández-Vuelta</i>
5.30 – 6.00	Tests of the multiplicative hyperbolic model of inter-temporal choice in normal volunteers and different clinical groups <i>M-Y. Ho</i>	Transfer of self-efficacy through equivalence classes <i>C. Dack, L. McHugh, & P. Reed</i>	Developing fluency in components of reading Braille in children who are blind. <i>S. Irwin & C. McDowell</i>
6.00 – 7.00	Posters: Equivalence and Language (Rooms 2.24 – 2.25)		

7.00 – 8.00	<p>Invited Address: The law of affect <i>Peter Killeen</i> (<i>Salón de Actos</i>)</p>
8.00	Conference Dinner

Friday, 12th September			
	<i>Sala de Juntas, Room 1.26</i>	<i>Salón de Actos</i>	<i>Salón de Grados</i>
9.00 – 9.30	<p>Symposium: Equivalence Classes <i>Chair: L. Pérez-González</i> Symmetry, equivalence, and emergent verbal behaviour in 1 to 3 year-old children following unreinforced exposure to stimulus-stimulus pairings <i>N. Dugdale</i></p>	<p>Symposium: Observation and Emergent Learning <i>Chair: J. Singer-Dudek</i> Conditioned reinforcement of observing responses and emergent discrimination learning as pre-requisites of language acquisition for pre-listeners with Autistic Spectrum Disorders <i>D. Keohane</i></p>	<p>Symposium: Autism Research <i>Chair: C. Nikopoulos</i> The Institute for Child Development as a replication site of the Princeton Child Development Institute. Activity schedules for children with autism. Practice and research studies. <i>A. Budzińska, I. Ruta-Sominka, & M. Wójcik</i></p>
9.30 – 10.00	<p>A possible demonstration of intersecting equivalence classes <i>B. Alonso-Álvarez & L. Pérez-González</i></p>	<p>The effects of acquisition of cross-modal abstraction for sameness across the senses on rate of learning with preschool children ages 3 to 5 with autism <i>S. Ackerman & R. Douglas Greer</i></p>	<p>Effectiveness of most to least prompting on teaching self-care skills to individuals with developmental disabilities <i>A. Ozen, O. Tavlar, C. Acar, & O. Cetin</i></p>
10.00 – 10.30	<p>Equivalence classes with and without pictures as nodes <i>E. Arntzen, T. Vignes, & T. Lian</i></p>	<p>Overview of observational learning and the emergence of conditioned reinforcement from observation <i>J. Singer-Dudek & R. Douglas Greer</i></p>	<p>Findings about teaching abstraction to children with autism <i>G. Williams, A. Müller-Queiroz, D. Matos, C. Rodriguez, M. Rodríguez-Mori, & M. Fernández-Vuelta</i></p>

10.30 – 11.00	The formation of equivalence relations: Paired stimulus and matching-to-sample procedures <i>J. Kinloch</i>	The effects of an observational intervention on the reinforcing properties of previously neutral stimuli: The emergence of conditioned reinforcement from observation <i>J. Singer-Dudek, R. Douglas Greer, & J. Pereira Delgado</i>	The effectiveness of most to least prompting on teaching to complete basic directions to children with autism <i>S. Batu & T. Canay</i>
11.00 – 11.30	Break		
11.30 – 12.00	Symposium: Studying Conditions to Induce Novel Behaviour in Language Delayed Children <i>Chair: G. Williams</i> Abstraction with numbers: Teaching children with autism <i>G. Williams, M. Rodriguez- Mori, C. Mallada, & M. Fernandez-Vuelta</i>	Symposium: Advances in Empirical Research on Stimulus Equivalence <i>Chair: D. de Souza</i> Stimulus equivalence as a model of meaning <i>R. Bortoloti & J. de Rose</i>	Symposium (In Spanish): Basic Research <i>Chair: S. Villanueva</i> Effects of varying the stimulus probability on the maintenance of responding under an observing procedure <i>C. Flores Aguirre & A. Lucia Suro</i>
12.00 – 12.30	Abstraction with shapes: Teaching children with autism <i>G. Williams, D. De Matos, A. Muller-Queiroz, & K. Vogt</i>	Instructional control derived from equivalence class formation <i>L. Postalli & D. de Souza</i>	What is reachable in Gibson's theory? <i>S. Villanueva & F. Cabrera</i>
12.30 – 1.00	Assessing prerequisite skills for the emergence of object description in children with autism <i>G. Williams, D. De Matos, A. Muller-Queiroz, M. Rodriguez-Mori, & K. Vogt</i>	Control of baseline controlling relations can reduce variability in outcomes of equivalence probes <i>J. de Rose, A. Karina, L. Arantes, P. Grisante, & K. Damiani</i>	Conditioned reinforcement and stimulus control in a temporally defined schedule <i>R. Mateos Morfín & C. Flores Aguirre</i>
1.00 – 1.30	One-to-one correspondence and the emergence of novel math skills <i>G. Williams, A. Muller-Queiroz, M. Gómez-Verdugo, & J. Carnerero</i>	Emergent conditional relations with a go/no-go procedure using abstract pictures and their locations as compound stimuli <i>P. Debert, & M. Eugênia, & S. De Mathis</i>	Frequency of reinforcement in a conditional discrimination task: Resistance to change or relative time effect? <i>R. Mateos Morfín & C. Flores Aguirre</i>
1.30 – 2.30	Lunch		

2.30 – 3.00	Symposium: Conceptual Issues <i>Chair: A. Karlsen</i> Motivating operations: A critical analysis <i>T. Carrasco Giménez, J. Virués Ortega, M. Adame, & G. Torres Fernández</i>	Symposium: Adult Psychopathology <i>Chair: J. Leslie</i> IRAP task in the discovery of the sexual practices that really excite <i>L. Sánchez-Sánchez</i>	Symposium: Applied Research <i>Chair: D-D. Keohane</i> Effects of video modelling on emerging speech in an adult with traumatic brain injury: Preliminary findings <i>C. Nikopoulos, P. Nikopoulou-Smyrni, & K. Konstantopoulos</i>
3.00 – 3.30	The natural selection: Behaviour analysis among the sciences <i>M. Jackson Marr</i>	Future thinking and autobiographical memory in depression <i>L. Kosnes, L. McHugh, J. Saunders, & R. Whelan</i>	The effectiveness of simultaneous prompting on teaching home skills via video modelling to students with developmental disabilities <i>Y. Ergenekon & A. Ozen</i>
3.30 – 4.00		Does presence of challenging behaviour predict clinical psychopathology in adults with autism? <i>E. Tsakanikos</i>	Teaching addition and subtraction via a simultaneous procedure to a student with intellectual disabilities <i>A. Ari & A. Uysal</i>
4.00 – 4.30	Break		
4.30 – 5.30	Invited Address: A re-evaluation of the hypothesis of reinforcement <i>Arild Karlsen</i> <i>(Salón de Actos)</i>		
6.00 – 7.00	Posters: Applied <i>(Rooms 2.24 – 2.25)</i>		
7.00 – 8.00	Invited Address: Behavioural characteristics of the Prader-Willi syndrome <i>Brian Iwata</i> <i>(Salón de Actos)</i>		
8.00	Conference Ends		

