

Preliminary Program
II Latin American/PEDECIBA Course “Brain and Mind Evolution”
 IIBCE, Montevideo-Uruguay, 26th August – 3rd September, 2019

Date	Hour	Activity	Title	Faculty
Monday 26 th	08:45 -09:00		Course Presentation	M Castelló
	9:00 - 09:50	T	Evolutionary processes	E. Lessa
	10:00 – 11:50	T	Evolution of the nervous system	O. Trujillo Cenóz
	Coffee Break			
	11:05-13:00	S	Seminar I “Definition and Origin of the Nervous System”	M. Castelló A. Fernández J. Montiel – F. Aboitiz
	Lunch time			
	14:30 -15:20	T	Evolution of Nervous System in Invertebrates	Anabel Fernández
	15:30 -16:20	T	Evolution of Nervous System in Vertebrates	M Castelló
	16:30 – 17:30	T	Brains of the past	S. Tambusso
Tuesday 27 th	9:00 - 09:50	T	Evolution of Sensory-motor integration and prediction.	.A. Caputi
	10:00-10:50	T	Conserved developmental mechanisms in diverging ecological adaptations	F. Aboitiz
	Coffee Break			
	11:30 -13:30	P	Digital endocast workshop	S. Tambusso
	Lunch time			
	15:00 – 17:00	P	Neuroanatomical techniques for comparative neuroanatomy Groups I and 2	A. Fernández, M. Castelló
	17 – 19:00	P	Neuroanatomical techniques for comparative neuroanatomy Groups 3 and 4	A. Fernández, M. Castelló
Wednesday 28 th	9:00 - 09:50	T	Bases genéticas de la evolución del cerebro humano	L. Franchini
	10:00-10:50	T	From Genes to Cognition: Modular Strategies in Brain Evolution and Development.	J. Montiel
	11:00-13:00	SP	Students Presentations	A. Fernández, M. Castelló F. Aboitiz, L. Franchini, J. Montiel
	Lunch time			
	14:30– 16:30	P	Being a neuron in a multi-connected network	J. Montiel
	16:40 -17:20	T	El problema de la conciencia en psiquiatría.	L. Villalba
Thursday 29 th	09:30 – 10:20	T	“Cerebro “encultured”, aportes de Ingold y Hodder	S. Dansilio
	10:30 – 11:20	T	A tree falls in a forest and no one is around to hear it: contemporary neuroscience of consciousness'	E.Tagliazucchi
	Lunch time			
	13:00 – 13:50		"The New Mechanical Philosophy: Explanation and Integration in the Mind/Brain Sciences"	S. Barberis
	14:00– 14:50	T	Evolution of cerebral cortical development	Z. Molnar
	15:00 – 15:50	T	Cerebral cortex and interhemispheric connections ontogeny and evolution	L. Richards
	16:15-18:15	P	Role of neuronal activity in cortical circuit formation	Z. Molnar

Symposium “Brain and Mind Evolution”

Friday 30th August, 2019,
IIBCE, Montevideo, Uruguay

Hour	Activity	Duration
09:00-10:30	Round Table I	3x20 min
10:45 – 12:15	Round Table II	3x20 min
12:15 - 14:30	Poster Session & Lunch time	
14:30 – 15:20	Evolution of Sensory Systems C. Carr	
15:30 – 17:00	Round Table III	3x20 min
Coffee Break		
17:15 – 18:45	Round Table IV	3x20 min

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Monday 2 nd , September	9:00 - 09:50		Modelos formales y computacionales del lenguaje humano	D. Wonsever
	10:00-10:50	T	Artificial Intelligence	R. Canetti
	11:00 – 11:50	T	Artificial Vision	G. Randall
	Coffee Break			
	12:05-12:55	T	Fundamental Artificial Intelligence	H. Shah
	Lunch			
	14:30 -15:20	T	Evolution of art’s approach to artificial life and intelligence	D. Argente y M. Giménez
	15:30 -17:30	P	Some examples of machine learning applied to the investigation of biological problems	F. Pazos
Tuesday 3 rd , September	09:00 -11:00	P	Deep Learning for image analysis	S. García Parra, B. Machi y R. Laguna
	11:00 - 13:00	P	How Alan Turing’s ideas are relevant today for Artificial Intelligence	H. Shah
	Lunch			
	14:30-16:00		Brain, Mind and Artificial Intelligence: the future	Round Table
	Closing			

P – Practical activity

S – Seminar (presentation and discussion of selected articles).

SP – Students Self Presentations

T – Theoretical activity