

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,
	11:00-12:30	S	Seminar I "Definition and Origin of the Nervous System"	M. Castelló A. Fernández
	Lunch			
	14:00 -14:50	T	Evolution of Nervous System in Invertebrates	Anabel Fernández
	15:00 -15:50	T	Evolution of Nervous System in Vertebrates	M Castelló
	Coffee Break			
	16:10 – 17:00	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	Evolution of Sensory Systems	C. Carr
	Coffee Break			
	10:00-10:50	T	Evolution of cerebral cortical development	Z. Molnar
	11:05-11:55	T	Conserved developmental mechanisms in diverging ecological adaptations	F. Aboitiz
	Lunch			
	13:30 -15:30	P	Digital endocast workshop	S. Tambusso
15:30 -17:30	P	Neuroanatomical techniques for comparative neuroanatomy	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	P	Being a neuron in a multi-connected network	J. Montiel
	Lunch			
	14:30 – 16:200	P	Role of neuronal activity in cortical circuit formation.	Z. Molnar
	Coffee Break			
	16:30– 17:30	T	Cerebral cortex and interhemispheric connections ontogeny and evolution	L. Richards
Thursday 29 th	09:00 -09:50	T	Modelos formales y computacionales del lenguaje humano	D. Wonsever
	10:00 – 10:50	T	TBD	
	11:00 – 11:50		"Cerebro "encultured", aportes de Ingold y Hodder	S. Dansilio
	Lunch			
	13:30 – 14:20	T	A tree falls in a forest and no one is around to hear it: contemporary neuroscience of consciousness'	E.Tagliazucchi
	14:30 – 16:00	T	"The New Mechanical Philosophy: Explanation and Integration in the Mind/Brain Sciences"	S. Barberis
	Coffee Break			
15:15-18:30			Students Presentations	

Symposium “Brain and Mind Evolution”

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

Hour	Activity	Duration
09:00 – 10:20	Round Table I	3x25 min
10:30 – 11:560	Round Table I	3x30 min
12:00 - 14:30	Poster Session & Lunch	
14:00 – 15:00	Round Table III - Students	3x20 min
15:10 – 16:10	Round Table IV	3x20 min
Coffee Break		
16:30 – 17_30	Round Table V	3x20 min
17:40 – 18:30	Round Table VI	3x20 min
Closing & Lunch		

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Monday 2 nd , September	9:00 - 09:50	T	Artificial Intelligence	R. Canetti
	10:00- 11:50	T	Artificial Vision	G. Randall
			Coffee Break	
	12:05- 12:55	T	Fundamental Artificial Intelligence	H. Shah
			Lunch	
	14:30 - 16:30	P	Some examples of machine learning applied to the investigation of biological problems	Flavio Pazos
	16:30 - 18:30	P	Deep Learning for image analysis	TBC
Tuesday 3 rd , September	9:00 - 11:00	P	How Alan Turing’s ideas are relevant today for Artificial Intelligence	H. Shah
	11:00- 13:00		Brain, Mind and Artificial Intelligence: the future	Round Table
	13:00 - 15:00		Lunch & Closing	