

First International Symposium on the

Physics of Language

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Program

Friday	March 4	(Room 508,	Building 2	Sophia	University)
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9:45 to 10:00	Opening Remarks			
10:00 to 11:00	Linguistics and Some Aspects of its Underlying Dynamics - Part 1 Massimo Piattelli-Palmarini (University of Arizona), Giuseppe Vitiello (University of Salerno)			
11:15 to 12:15	Linguistics and Some Aspects of its Underlying Dynamics - Part 2 Massimo Piattelli-Palmarini (University of Arizona), Giuseppe Vitiello (University of Salerno)			
13:30 to 14:30	Brain Circuits for Language Processing Kuniyoshi L. Sakai (University of Tokyo)			
14:45 to 15:45	Merge-Generability as a Crucial Concept in Syntax: An Experimental Study Shinri Ohta (University of Tokyo), Naoki Fukui (Sophia University), Mihoko Zushi (Kanagawa University), Hiroki Narita (Nihon University), Kuniyoshi L. Sakai (University of Tokyo)			
16:00 to 17:00	Irreducible Subnets and Random Delays: Limiting the Vocabulary of Neural Information James Douglas Saddy (University of Reading), Peter Grindrod (Oxford University)			
16:00 to 17:00				
16:00 to 17:00 17:15 to 18:15				
	James Douglas Saddy (University of Reading), Peter Grindrod (Oxford University) Emergent Oscillations and Cyclicity: Physical Aspects of Frustrated Cognitive Systems			
	James Douglas Saddy (University of Reading), Peter Grindrod (Oxford University) Emergent Oscillations and Cyclicity: Physical Aspects of Frustrated Cognitive Systems			

Saturday, March 5 (Room 508, Building 2, Sophia University)

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10:00 to 11:00	Merge α and Superpositioned Labels Koji Fujita (Kyoto University)				
11:15 to 12:15	Queue Left, Stack-Sort Right: Syntactic Structure without Merge David P Medeiros (University of Arizona)				
13:30 to 14:30	Language Combinatorics as Matrix Mechanics: Conceptual and Empirical Bases Juan Uriagereka (University of Maryland) [live video], Roger Martin (Yokohama National University), Ángel Gallego (Universitat Autònoma de Barcelona)				
14:45 to 15:45	Language Combinatorics as Matrix Mechanics: Mathematical Derivation and Properties Román Orús (Johannes Gutenberg-Universität) [live video], Michael Jarret (University of Maryland)				
16:15 to 17:15	From Geometry and Physics to Computational Linguistics Matilde Marcolli (California Institute of Technology)				
17:30 to 18:30	Geometric Language to Replace Mathematics and Computer Programming				

http://www.ling.ynu.ac.jp/pol2016/

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Support

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