University of Cyprus
Department of Education

Symposium: "Semiotics in Mathematics Education: The role of gestures and multimodality"

THURSDAY, 27 OCTOBER 2016 NEW CAMPUS, SOCIAL FACILITIES CENTRE, ROOM 010	
Time	
16:30-17:00	**Registration at the Conference Desk-Certifications**
	Title of presentation / Speaker(s) / Speaker(s)' Institution
17:00-17:40	A semiotic perspective for gestures and multimodality in mathematics classroom activities: Theoretical and methodological considerations *Ferdinando Arzarello[*] & Cristina Sabena[**]* *[*]Department of Mathematics, University of Torino, Italy* *[**]Department of Philosophy and Science of Education, University of Torino, Italy*
17:40-18:10	A semiotic perspective for gestures and multimodality in mathematics classroom activities: A case study in secondary school *Ferdinando Arzarello* *Department of Mathematics, University of Torino, Italy*
18:10-18:40	Gestures and their interrelations with other semiotic resources in the learning of geometrical concepts in the kindergarten[1] *Iliada Elia* *Department of Education, University of Cyprus*
18:40-19:10	A semiotic perspective for gestures and multimodality in mathematics classroom activities : A case study in primary school *Cristina Sabena* *Department of Philosophy and Science of Education, University of Torino, Italy*
19:10-19:30	The contribution of gestures in geometrical thinking development in early childhood - An intervention program in a kindergarten classroom[1] *Kyriakoulla Evangelou* *Department of Education, University of Cyprus*
19:30-19:50	The contribution of gestures in geometrical thinking development in early childhood- Exploring kindergartners' geometrical apprehension[1] *Androulla Petridou* *Department of Education, University of Cyprus*
19:50-20:00	**Summing up & Closing Session**

The entrance is free. Certificates of attendance will be given to all the participants.

[1] The study reported in the presentation was carried out in the research project «The contribution of gestures in geometrical thinking development in early childhood» that is supported by a Program Grant from Leventis Foundation.