



Typical and atypical development of numerical cognition: evidence from brain & behavior

Schedule

The Hebrew University of Jerusalem, Mount Scopus

The Seymour Fox School of Education, room 459, April 12, 2016

14:00-15:00	Gathering and registration
15:00-15:30	Opening remarks
15:30- 16:45	<i>Keynote speaker: Avishai Henik</i>
16:45-17:15	<i>Coffee break</i>
Neuroanatomy of numerical cognition	
17:15-17:45	<u>Helen Moriah Sokolowski</u> Developmental changes in the neural correlates of symbolic number processing: A functional neuroimaging meta-analysis
17:45-18:15	<u>Isabel Arend</u> Neuroanatomy of number synaesthesias
19:30	Social dinner for keynote speakers only

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Basic numerical processing	
9:00-9:30	<u>Dror Dotan</u> How do we turn a multi-digit number into a single quantity?
9:30-10:00	<u>Naama Katzin</u> Subitizing: Information shapes perception
10:00- 10:30	<u>Zahira Ziva Cohen</u> Tactile enumeration and acquired acalculia
10:30-11:00	<u>Gali Katz</u> The development of counting ability: evolutionary algorithms point of view
11:00-11:30	<i>Coffee break</i>
11:30-12:00	<u>Tali Leibovich</u> Can we sense numbers? Evidence from a non-symbolic numerical comparison task
12:00-12:30	<u>Noam Bar-Shai</u> Using numerical information by foraging bees
12:30-13:45	<i>Keynote speaker: Orly Rubinsten</i>
13:45-15:00	<i>Posters + Lunch break</i>
15:00-16:15	<i>Keynote speaker: Marcie Penner-Wilger</i>
16:15-16:45	<i>Coffee break</i>
16:45-18:00	<i>Keynote speaker: Sarit Ashkenazi</i>

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Developmental dyscalculia	
9:00-9:30	<u>Avital Rotem</u> Number sense in children with learning disabilities
9:30-10:00	<u>Dana Ganor-Stern</u> Computation estimation of individuals with atypical math skills
10:00-10:30	<i>Coffee break</i>
10:30-11:45	<i>Keynote speaker: Daniel Ansari</i>
11:45-13:00	<i>Lunch break + Posters</i>
Mathematical functions	
13:00-13:30	<u>Rotem Abdu</u> Metacognition, executive functions, and the ability to solve complex math problems
13:30-14:00	<u>Tomer Behor</u> MathMusic – a new tool for teaching graphs and geometry to visually impaired pupils using sensory substitution
14:00-14:30	<u>Benedetta Heimler</u> Core knowledge of geometry develops independently from vision
14:30- 15:00	<i>Coffee break</i>
Development of numerical cognition	
15:00-15:30	<u>Arava Kallai</u> Developmental study of the automatic processing of relative and absolute sizes
15:30-16:00	<u>Sarit Silverman</u> Deconstructing the cognitive estimation task: a developmental examination and intra-task contrast of the cognitive estimation task
16:00-16:30	<i>Closing remarks</i>

Location: the Hebrew university of Jerusalem, mount Scopus, The Seymour Fox School of Education, room 459.

