הפקולטה לחינוך
למדע וטכנולוגיה

Faculty of Education
in Science and Technology

Technion
Israel Institute
of Technology
הטכניון
מכון טכנולוגי
לישראל

The 1ˢᵗ International Commognitive Workshop

Wednesday, February 13
8:45-9:15 Registration and coffee
9:15-9:30 Welcoming words: Prof. Yehudit Judy Dori, Dean of the Faculty of Education in Science and Technology Room 307

Scientific Program

9:30-10:30 Keynote – **Anna Sfard** Commognition 2.0: What's new? Room 307
10:30-11:00 Coffee
11:00-11:40 Presentation – **Noah Morris** Ontogeny recapitulates phylogeny: a case study in the Kingdom of Tonga Room 307
11:40-12:20 Presentation – **Juhaina Shahbari, Michal Tabach** and **Einat Heyd-Metzuyanim** Monitoring changes in identity construction and development of modelling routines Room 307
12:20-13:00 Presentation – **Jungeun Park, Jason Martin, and Michael Oehrtman** Relations between routines and endorsed narratives in students' guided reinvention of a formal definition of limit in a classroom setting Room 307
13:00-14:00 Lunch
14:00-15:00 Workshop – **Anna Baccaglini-Frank** Discourse and Dynamic Interactive Environments (DIEs): discourse with a DIE versus discourse mediated by a DIE Room 300

Workshop – **Floridona Tetaj** and **Olov Viirman**
Analysis of the mathematical discourse of the tasks in a graduate biology course
Room 308

15:00 - 16:00
Workshop – **Svitlana Rogovchenko**
Exploration routines in a Differential Equations course: students' work with non-standard problems
Room 300

Workshop – **Anita Tyskerud**
Teacher learning in lesson study
Room 308

16:00-16:30
Coffee

16:30-17:10
Presentation – **Einat Heyd-Metzuyanim**
Identity, beliefs, and ontological collapses: a commognitive view on the discourse of affect in mathematics education
Room 307

17:10-17:50
Presentation – **Michal Tabach** and **Talli Nachlieli**
The communicational dimension in ritual-enabling and explorative-requiring mathematics teaching
Room 307

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Thursday, February 14

8:45-9:00
Coffee

9:00-10:00
Keynote – **Nathalie Sinclair**
Diffractive readings of the routines of commognition
Room 307

10:00-10:40
Presentation – **Talli Nachlieli** and **Avital Elbaum-Cohen**
Teaching practices that promote meta-level learning: the case of complex numbers
Room 307

10:40-11:10
Coffee

11:10-11:50
Presentation – **Jason Cooper** and **Irit Lavie**
Bridging incommensurable discourses – a commognitive look at instructional design in the zone of proximal development
Room 307

11:50 - 12:50
Workshop – **Merav Weingarden** and **Einat Heyd-Metzuyanim**
Narratives about realizations as an indicator for explorative instruction
Room 300

Workshop – **Jorge Soto-Andrade**
Metaphorising and enacting in commognition
Room 308

12:50-13:50
Lunch

13:50-14:30
Presentation – **Elçin Emre-Akdoğan**, **Beste Güçler** and **Ziya Argün**
One high school student's discursive development on reflection in relation to instruction from a commognitive perspective
Room 307

14:30 - 15:10
Presentation – **Alicia Venegas-Thayer**
Interdisciplinary process from a commognitive perspective
Room 307

15:10-16:10
Workshop – **Naama Ben-Dor** and **Einat Heyd-Metzuyanim**
Adolescents' edorsement of narratives about mathematics: a dialogic perspective
Room 300

Workshop – **Anette De-Ron** and **Lisa Österling**
The mathematics discourse of pre-service teachers
Room 308

16:10-16:40
Coffee

16:40-17:40
Talli Nachlieli, Einat Heyd-Metzuyanim and **Michal Tabach**
Final workshop for all: Commognition and I
Room 308

17:40-18:00
Closing discussion
Room 308