

Conference Program

<http://www.openu.ac.il/innovation/chais2018/>

Tuesday, February 20, 2018

8:30-9:30 Networking and Registration

9:30-10:45 Opening Session (Chais Auditorium)

Chair: **Shir Etgar** (Organizing Committee, Chais 2018 Conference)

Welcoming Remarks

Prof. Sarah Guri-Rosenblit, Executive Vice President for Academic Affairs, The Open University of Israel

Prop. Niza Geri, Head, The Research Center for Innovation in Learning Technologies, The Open University of Israel



Announcing the finalists for the **Best Student Paper Award**

Opening Keynote

Prof. Yair Amichai-Hamburger

The Interdisciplinary center, Herzliya

**Utopia or a Nightmare? Trends in Technology Developments
and their Influences on Psychological Well Being**

10:45-11:00 Coffee break



Nominee for Best Student Paper Award

11:00-12:30 Parallel Session A**A1 Speed Lectures: Networks and Knowledge** (Neudorfer Auditorium)Chair: **Ornit Spektor-Levy** (Bar-Ilan University)**University Students' Peer to Peer Knowledge Sharing Practices via SNS – A Network Analysis Approach**

Edith Bouton (The Hebrew University of Jerusalem)

Digital literacies and readiness assessment of participants in a training program in a security-technological organization

Gila Kurtz (Holon Institute of Technology), Sarrai Hezi (IDF New Training Campus), Yehuda Peled (Western Galilee College), Orit Avidov-Ungar (Achva Academic College)

Knowledge Sharing among Teachers

Tania Dadoun-Zur (The Open University), Hagit Meishar-Tal (Holon Institute of Technology)

"Shkalkalim" – Assistive Technological Tool for People with Intellectual Disability

Noy Misgav (Holon Institute of Technology), Hadas Rosen (Holon Institute of Technology), Rotem Israel (Holon Institute of Technology)

Thinking Outside the (e)Box: An Innovative Tangible and Collaborative Learning System

Liav Nefesh (Holon Institute of Technology), Bar Abudi (Holon Institute of Technology), Yael Avni (Holon Institute of Technology), Rotem Israel (Holon Institute of Technology)

Innovative Learning Space as a Pedagogical Accelerator

Edith Manny-Ikan (Henrietta Szold Institute), Tal Berger-Tikochinski (Henrietta Szold Institute), Iris Wolf (World Ort Kadima Mada)

Global Conflicts, Episodic Framing and Attitude Change regarding the Israeli-Palestinian Conflict

Ronit Kampf (Tel Aviv University)

A2 Speed Lectures: Smartphones (Chais Auditorium)Chair: **Gilad Ravid** (Ben-Gurion University of the Negev)**Music Composition and real-time improvisation with mobile technology**

Shai Cohen (Bar-Ilan University)

The Impact of Smartphone Use in Teaching Evaluation Survey: Can Type of Device Change Lecturer's Evaluation?

Shir Etgar (The Open University), Yair Amichai-Hamburger (IDC)

Teacher, are you Awake? Teacher Authority in Class WhatsApp Groups – A Student Perspective

Rivka Prins-Meler (Ariel University, Herzog Academic College), Azi Lev-On (Ariel University)

Attitudes and Uses of Digital Media for Teacher-Parent Communication in Israel

Alona Forkosh-Baruch (Levinsky College of Education)

Using learning apps to improve task persistence in reading comprehension assignments for a pupil with ASD

Inbar Segal (Kibbutzim College of Education), Betty Shrieber (Kibbutzim College of Education)

Health, Cost, Society or Pedagogy? Rejection Factors and Parents' Resistance to Use Smartphones in Learning Processes

Shlomit Hadad (The Open University), Hagit Meishar-Tal (The Open University, Holon Institute of Technology), Ina Blau (The Open University)

A3 Student Meeting with Prof. Yair Amichai- Hamburger (Kanbar Hall)

Chair: Avner Caspi (The Open University of Israel)

12:30-13:15 Lunch Break

13:15-14:45 Parallel Session B**B1 Cognition and Learning**

(Neudorfer Auditorium)

Chair: **Yael Sidi** (The Open University of Israel)**A comparison of print-based and digital-based reading comprehension: A meta-analysis**

Gal Ben-Yehudah (The Open University), Rakefet Ackerman (Technion – Israel Institute of Technology), Pablo Delgado (University of Valencia), Cristina Vargas (University of Valencia), Ladislao Salmeron (University of Valencia)

The Influence of WhatsApp use on Teenagers' Working Memory: An Exploratory Study

Noa Aharony (Bar-Ilan University), Avi Zion (Bar-Ilan University)

Characterizing Action Strategies in a 3-D Dynamic Geometry Environment

Mirela Widder (Technion – Israel Institute of Technology), Abraham Berman (Technion – Israel Institute of Technology), Boris Koichu (Weizmann Institute of Science)

**Using iPads as a Tool for Testing Narrative Ability in Young Children with High-Functioning ASD**

Danel Waissengreen (Bar-Ilan University), Sigal Eden (Bar-Ilan University)

B2 Learning Environments at the 21th Century

(Chais Auditorium)

Chair: **Yifat Kolikant** (The Hebrew University of Jerusalem)**Concerned for Their Future: Haredi Women Study Computer Science in Academic Institutions**

Sara Genut (Lev Academic Center), Yifat Kolikant (The Hebrew University of Jerusalem)

**Examining Innovative Thinking in a Project-based Engineering Course**

Maya Usher (Technion – Israel Institute of Technology), Miri Barak (Technion – Israel Institute of Technology)

Learning in context: scientific understanding through the generation of location-based questions

Shadi Asakle (Technion – Israel Institute of Technology), Miri Barak (Technion – Israel Institute of Technology)



Predicting learner-centered MOOC outcomes: Satisfaction and intention-fulfillment

Eyal Rabin (Open University of the Netherlands, The Open University), Yoram M. Kalman (The Open University), Marco Kalz (Open University of the Netherlands)

B3 Poster session I

(Kanbar Hall)

Chair: **Hagit Meishar-Tal** (Holon Institute of Technology)

Characteristics of use of Tasty videos

Tzipi Babay (Holon Institute of Technology), Moria Bros Tzur (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Differences between users in the usage of Emoji

Bar Shabtay (Holon Institute of Technology), Offer Hauptman (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Managers' Participation in Organizational WhatsApp Groups and the Correlation to Their Management Style

Avraham Shmuel (Holon Institute of Technology), Noa Timar (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Why are people watching TED videos?

Gal Ovadia (Holon Institute of Technology), Shani Vaknin (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

"Kahoot!" in Teaching: Perceptions of Students

Shahar Vider (Holon Institute of Technology), Yael Haim Choumla (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Why do we share the photos we share? Personality differences among Instagram users

Ella Ziv (Holon Institute of Technology), Tsuf Ben Eliezer (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Teachers coping with parental involvement regarding the use of technology in school in the religious sector

Hagit Lalum (The Open University), Hagit Meishar-Tal (Holon Institute of Technology)

Integration of learning technologies and methods for workplace training in Israel

Gila Kurtz (Holon Institute of Technology), Eran Gal (Holon Institute of Technology), Gideon Zailer (Methodica)

Student attitudes toward collaborative learning

Asaf Levi (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology), Alexandra Idrisov (Holon Institute of Technology)

The contribution of Timers and Mind Mapping software for development of time estimation and cognitive organization for students with Learning and attention Disorder

Shlomit Vaknin (Kibbutzim College of Education), Betty Shrieber (Kibbutzim College of Education)

Rephrasing Assistive Technology

Avia Stern (Kibbutzim College of Education), Betty Shrieber (Kibbutzim College of Education)

Aspects of Photographic Literacy as a Tool for Teaching and for Communication in a Multicultural Online Learning Group

Tamar Shalit-Avni (Kibbutzim College of Education), Miri Shonfeld (Kibbutzim College of Education)

Using Animations in Different Stages of the Learning Cycle

Hagit Yarden (Brainpop Israel), Anat Abramovitch (Gordon academic college)

Leganto – Reading List Solution

Liat Klain Gabbay (The College of Management)

Learning Genetics on the Fly: Interrelating Three Conceptual Models in Genetics

Michal Haskel-Ittah (Weizmann Institute of Science), Anat Yarden (Weizmann Institute of Science)

Teaching biodiversity in nature in sixth grade combined WhatsApp social network

Battyh Hindi (Hemdat HaDarom College for Education), Janet Talmon (Hemdat HaDarom College for Education)

Feelings of self-efficacy, challenge, threat and motivation among students attending virtual and blended courses in multicultural campuses

Revital Cohen (Ono Academic College), Ilan Rahimi (Ono Academic College), Gila Zilka (Bar-Ilan University, Achva Academic College)

Using the iPad as an assistive device to promote meaningful learning and participation of children in inclusive kindergartens

Moran Zemach (Levinsky College of Education), Mona Julius (Levinsky College of Education), Orly Hebel (Levinsky College of Education)

Kindergarten Children's Understanding of Sub-routine Usage, in a Programming Problem Solution Context

Maor Haber (Tel Aviv University)

Implementing Internet of Things (IoT) in Education: Opportunities and Challenges

Yanay Zagoury (Holon Institute of Technology), Dan Kohen-Vacs (Holon Institute of Technology), Gila Kurtz (Holon Institute of Technology)

B4 Behind the Scenes of Online Learning: Visiting SHOHAM's Studios

(SHOHAM's studios)

14:45-15:15 Coffee Break and Poster Exhibition Tour

15:15-16:15 Parallel Session C**C1 Developing Thinking Skills in Technological Environments**

(Neudorfer Auditorium)

Chair: **Rafi Nachmias**, Tel Aviv University

Promotion Reasoning About Complex Chemical Systems: Consequences of an Exploring Agent-Based Computer Models

Sigal Samon (University of Haifa), Sharona T. Levy (University of Haifa)

Making Energy Easy: Interacting with the Forces Underlying Chemical Bonding Using the ELI-Chem Simulation

Asnat R. Zohar (University of Haifa), Sharona T. Levy (University of Haifa)

Developing higher order thinking skills by game creation using online game generators

Lizi Cohen (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology), Moshe Leiba (Holon Municipality)

C2 Dark Sides of Online Communication

(Kanbar Hall)

Chair: **Yehuda Peled** (Western Galilee Academic College)

Cyberbullying and its Influence on Academic, Social, and Emotional Development of Undergraduate Students

Yehuda Peled (Western Galilee Academic College)

Ethical dissonance: What affects digital and analog academic dishonesty of Israeli school students?

Yael Sidi (The Open University), Ina Blau (The Open University), Yoram Eshet-Alklai (The Open University)

Science News in Facebook – Credibility and Engagement

Noa Marom (Tel Aviv University), Orly Klein Latucha (Tel Aviv University), Arnon Hershkovitz (Tel Aviv University)

C3 Workshop

(Kanbar Hall)

Chair: **Daphna Idelson** (Online Academe, The open University of Israel)

MOOCs, Design Strategy and Google Analytics: Insights We Learned from the First Israeli Courses on edX

Eran Raviv (Campus), Asaf Weiss (Campus)

16:15-16:30 Coffee Break

16:30-17:30 Closing Session

(Neudorfer Auditorium)

Chair: **Gila Kurtz** (Holon Institute of Technology)

Closing Keynote

Dr. Debbie Rand

Chair, Department of Occupational Therapy, School of Health Professions, Sackler Faculty of Medicine, and Sagol School of Neuroscience, Tel Aviv University

**Gamification and Virtual Reality
as a Mean for Neurological Rehabilitation**

Wednesday, February 21, 2017

8:30-9:30 Networking and Registration

09:30-10:30 Opening Session (Chais Auditorium)

Chair: **Yoram Eshet-Alkalai** (Program Committee Chair, Chais 2018 conference)



Best Student Paper Award

Opening keynote

Prof. Ofir Turel

California State University, Fullerton

**The "Dark Side" of Information Technology Use:
Implications for Learning and Teaching**

10:30-10:45 Coffee Break

10:45-12:15 Parallel Session D

D1 Speed Lectures: Cognition (Neudorfer Auditorium)

Chair: **Yotam Hod** (University of Haifa)

The Contribution of Graphic Organizers to Integration of Multiple Information Sources

Talia Shlomi Elooz (University of Haifa), Sarit Barzilai (University of Haifa)

Learners' Epistemic Criteria for Evaluating YouTube Videos

Fayez Abed (University of Haifa), Sarit Barzilai (University of Haifa)

Perceived digital literacies of Israeli college students majoring in education

Gila Kurtz (Holon Institute of Technology), Yehuda Peled (Western Galilee Academic College), Orit Avidov-Ungar (Achva Academic College)

"I don't teach": Teacher-educators Leading online courses in distance learning

Smadar Bar-Tal (Levinsky College of Education)

Developing an Application for Assessing the User's Functions while Operating the Touch Screen

Alexandra Danial-Saad (University of Haifa, The Academic Arab College for Education – Haifa), Lorenzo Chiari (University of Bologna)



Nominee for Best Student Paper Award

Experts' Goals and Constraints when Discussing Vaccines on a Facebook Group

Aviv J. Sharon (Technion – Israel Institute of Technology), Ayelet Baram-Tsabari (Technion – Israel Institute of Technology)

Scientific Discourse and Lifelong Learning on Social Media: The Case of Non-Ionizing Radiation

Keren E. Dalyot (Technion – Israel Institute of Technology), Ayelet Baram-Tsabari (Technion – Israel Institute of Technology)

D2 Speed Lectures: Technology Changes Behavior (Chais Auditorium)

Chair: **Sigal Eden** (Bar-Ilan University)

Use of Assistive Technologies among ASD Children

Lior Yasuchenia (Kibbutzim College of Education), Racheli Peled (Kibbutzim College of Education), Hanan Yaniv (Kibbutzim College of Education)

Technological Intervention for Promoting Spatial Ability among Kindergarten Children

Einat Brainin (Bar-Ilan University), Sigal Eden (Bar-Ilan University), Adina Shamir (Bar-Ilan University)

My Social Curation Experience: Preservice Teachers' Insights

Rivka Gadot (Levinsky College of Education, The Open University, Tel Aviv University), Alona Forkosh-Baruch (Levinsky College of Education)

Teens Choosing Videos on YouTube: What Makes Them Click?

Daphna Kenig (Tel Aviv University), Mona Kaminsky (Tel Aviv University), Arnon HersHKovitz (Tel Aviv University)

"... otherwise I might get lost": Affective aspects of personal information management among BA education students

Lilach Alon (Tel Aviv University, Levinsky College of Education), Alona Forkosh-Baruch (Levinsky College of Education, Tel Aviv University)

The Use of Online Teaching in Language among High School Students' Matriculation Examinees

Nava Miller (Levinsky College of Education), Alona Forkosh-Baruch (Levinsky College of Education)

Professional Identity of Faculty Training teachers – what has changed in the digital era?

Alona Forkosh-Baruch (Levinsky College of Education), Orit Avidov-Ungar (Achva Academic College, The Open University of Israel)

D3 Student Meeting with Prof. Ofir Turel

(Kanbar Hall)

Chair: **Ronit Bogler** (The Open University)

12:15-13:00 Lunch Break

13:00-14:30 Parallel Session E**E1 Online Teaching and Learning Strategies**

(Neudorfer Auditorium)

Chair: **David Mioduser** (Tel Aviv University)**How Beneficial and Satisfying Might a Flipped Classroom be to High-School Science Education? A Comparative Case Study**

Afrah Assi (Tel Aviv University), Anat Cohen (Tel Aviv University)

The "Four Sons": Prototypes and models of optimal teaching of digital literacy skills

Yael Yondler (The Open University, Kibbutzim College of Education), Miriam Moyal (The Open University), Adi Malka (The Open University), Ina Blau (The Open University), Gal Ben-Yehudah (The Open University), Yoram Eshet-Alkalai (The Open University), Tamar Shamir-Inbal (The Open University)

**Who is Teaching Creative Computing? Teaching Strategies of Code and Robotics' Teachers as Reflecting Instructivist and Constructivist Pedagogy**

Avital Kesler (The Open University), Tamar Shamir-Inbal (The Open University), Ina Blau (The Open University)

Online self-regulated learning in professional development of ICT leaders

Tomer Loubaton (The Open University), Tamar Shamir-Inbal (The Open University), Ina Blau (The Open University)

E2 Learning in Collaborative Environments

(Chais Auditorium)

Chair: **Dani Ben-Zvi** (University of Haifa)**Distant immediacy: Online collaborative learning to promote listening to student voice, self-regulated learning and students' perceived learning in an academic course**

Orit Avdiel (The Open University), Tamar Shamir-Inbal (The Open University), Ina Blau (The Open University)

Does Computer Supported Cooperative Work Reduce Teacher Burnout?

Adi Stein Cohen (Bar-Ilan University), Ofer Bergman (Bar-Ilan University)

What hinders the integration of technology in teaching? The disciplinary barrier: The case of teaching first language (L1)

Orit Avidov-Ungar (Achva Academic College, The Open University), Aliza Amir (Achva Academic College, Ministry of Education)

**Promoting Sustainable Teacher Learning: Nurturing a School-Based Technology-Enhanced Teacher Community of Practice**

Tamar Novik (University of Haifa), Dani Ben-Zvi (University of Haifa)

E3 Poster Session II

(Kanbar Hall)

Chair: **Gila Levi Atzmon** (The College for Academic Studies)**Learning in Academic Blended Courses – A Case Study**

Limor Riskin (The College for Academic Studies), Yael Batt (The College for Academic Studies), Gila Kurtz (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

Developing Multimedia Applications and Integrating Them into Online Courses

Sarrai Hezi (IDF New Training Campus), Michal Gvilly (Ministry of Defence), Gila Levi Atzmon (The College for Academic Studies)

Religious Teachers Attitudes Toward Integration of ICT in Sacred Subjects

Dvora Lea Burshtein (The College for Academic Studies), Chaya Castiel-Hai (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

Adult's Positions Towards Using Emoji in WhatsApp Messages

Ayala Tsur (The College for Academic Studies), Hedva Levy (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

The Use of Smart Mobile Phones "Smartphones" Among Older Arab Women

Gada Salami (The College for Academic Studies), Amal Alnbari (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

Attitudes of parents in the religious sector towards the integration of ICT in schools

Shani Gehasi (The College for Academic Studies), Ashira Rachel Maidanchik (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

Integrating Visual Representations using Smartphones to Promote English Speaking Skills in the Sixth Grade

Leah Tal (The College for Academic Studies), Sarah Yom Tov (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

Integrating visual aids in math lesson in 8th grade

Fadwa Zidan (The College for Academic Studies), Nuha Swaed (The College for Academic Studies), Gila Levi Atzmon (The College for Academic Studies)

Teachers' Attitudes Towards Teaching with Videos

Limor Ben-Ari (The College for Academic Studies), Ronit Yaakov (The College for Academic Studies), Gila Kurtz (The College for Academic Studies)

Graduates of ICT and Learning at the College for Academic Studies' Perceptions of the Contribution of their Studies to their Professional and Personal Development

Eti Dayan (The College for Academic Studies), Meirav Azriel (The College for Academic Studies), Gila Kurtz (The College for Academic Studies)

Citizen Science in Schools: Fostering Mutualism Between Citizen Science and Science Education

Osnat Atias (University of Haifa), Maya Benichou (University of Haifa), Rachel Levin-Peled (University of Haifa), Ornit Sagy (University of Haifa), Ayelet Baram-Tsabari (Technion – Israel Institute of Technology), Yael Kali (University of Haifa)

Using Technology to Scaffold the Integration of Content and Epistemic Knowledge in Order to Support Socioscientific Reasoning

Hava Ben-Horin (University of Haifa), Yael Kali (University of Haifa), Tali Tal (Technion – Israel Institute of Technology)

On-line Pre-Academic Mathematics Course

Michal Klinshstein (Technion – Israel Institute of Technology), Rachel Hess Green (University of Haifa)

Cyberbullying Intervention Program Among Youth, based on bystander Intervention Model, in the Context of Self-efficacy and Empathy

Yael Zur (The Open University), Tali Heiman (The Open University),
Dorit Olenik-Shemesh (The Open University)

Motivation and Engagement in Multiplayer Online Role Play Simulation Games for Learning in Higher Education

Ron Linser (The Open University), Gila Kurtz (Holon Institute of Technology)

Teachers' perceptions: users and non-users of smartphones as a learning tool in the classroom

Ilan Kamhi (The Open University)

Using the ClassBoost System at the College of Education from the Student's Perspective: Learning Patterns and Collaborative Learning Patterns – System properties at the beginning of the process

Orna Levin (Achva Academic College), Orit Avidov-Ungar (Achva Academic College, The Open University)

Using WhatsApp as a communication tool between parents and teachers

Yaffa Zwebner (Elementary school – Gilo), Egoza Wasserman (Herzog Academic College)

Comparing Performance in a Computerized Exam and a Paper-and-Pen Exam in the Glilium Research Program

Shay Gefen (Galileom – The Kinneret Center for Youth, Ohalo College), Ifat Linder (Galileom – The Kinneret center for Youth, Ohalo College), Oded Reichsfeld (VIA), Revital Heimann (Or consulting for Organizations)

E4 Behind the Scenes of Online Learning: Visiting SHOHAM's Studios

(SHOHAM's studios)

14:30-15:00 Coffee Break and Poster Exhibition Tour

15:00-16:00 Parallel Session F

F1 Workshop

Chair: Gal Ben-Yehuda (The Open University)

(Neudorfer Auditorium)

Educating Kids to Resolve their Digital Conflicts Before Escalating to Violence and Cyberbullying

Itai Brun (Agree Online), Rachely Ashwall (Agree Online), Miki Haimovich (Agree Online)

F2 Effective Use of Technological Applications

(Chais Auditorium)

Chair: **Arnon Hershkovitz** (Tel Aviv University)**Online virtual interactive Consulting agent (VICA) for freshman students in integrating study and work**

Suha Fadila (Tel Aviv University), Orly Lahav (Tel Aviv University), Vadim Talis (Tel Aviv University), Rachel Gali Zinamon (Tel Aviv University)

From general discussions about students' answers to focused discussions by automatic learning analytics platform

Rachel Hess Green (University of Haifa), Shai Olsher (University of Haifa)

Private and Shared Annotations in Annoto: Insights about Active Participation and Lurking from Content Analysis and Learning Analytics of Hyper-video Environment in Academia

Ina Blau (The Open University), Tamar Shamir-Inbal (The Open University), Roy Yarkoni (The Open University)

F3 Open Media and Information Lab & Chais Conference 2018 joint lecture

(Chais Auditorium)

Chair: **Vered Silber-Varod** (The Open University)**Evaluating Paradigmatic Shifts in Communication Studies through Computational Tools**

Oren Soffer (The Open University), Dorit Geifman (University of Haifa)

16:00-16:15 Coffee Break and Poster Exhibition Tour

16:15-17:15 Special Closing Session

(Neudorfer Auditorium)

Chair: **Nitza Geri** (The Open University)**Adi Altschuler**

Social Entrepreneur

Social Entrepreneurship, Formulating a Vision and Realising it