Conference Program

Tuesday, February 14, 2017

08:30-9:30 Networking and Registration

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

Chair: **Vered Silber-Varod** (Organizing Committee Chair, Chais 2017 Conference)

Welcoming Remarks

Prop. Sarah Guri-Rosenblit, Dean of Development and Learning Technologies, 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. Daphna Oyserman
University of Southern California

Using Technology to Improve Academic Success by Increasing Identity-Based Motivation

10:45-11:00 Coffee Break

Nominee for Best Student Paper Award

11:00-12:00 Parallel Session A

A1 Skills in Digital Environment (Neudorfer Auditorium)

Chair: **Michelle M. Ramim** (Middle Georgia State University)

Information Literacy Skills Evaluation among First Year Students' in an Israeli College
Efrat Pieterse (Western Galilee College), Zahava Santo (Western Galilee College), Rivka Grinberg (University of Haifa)

The E-Learning Skills Gap Study: Initial Results of Skills Desired for Persistence and Success in Online Engineering and Computing Courses
Yair Levy (Nova Southeastern University), Michelle M. Ramim (Middle Georgia State University)

Executive Functions and Learning in a Hypertext Environment
Gal Ben-Yehudah (The Open University of Israel), Luchia Kovaliov (The Open University of Israel)

A2 Video in Learning (Chais Auditorium)

Chair: **Rafi Nachmias** (Tel Aviv University)

Characteristics of Children's Learning from Online Video Games: A Multi-Age Perspective
Michal Marom (Tel Aviv University), Yael Desta (Tel Aviv University), Itay Ofzer (Tel Aviv University), Arnon Hershkovitz (Tel Aviv University)

Characteristics and Patterns of Use of Interactive Non-Linear Video Authoring Tool (inTree@ctive)
Lilach Gal (Tel Aviv University), Anat Cohen (Tel Aviv University)

Probing the Effect of Interactivity in Online Video Lectures on the Attention Span of Students: A Learning Analytics Approach
Nitza Geri (The Open University of Israel), Amir Winer (The Open University of Israel), Beni Zaks (The Open University of Israel)

A3 Students meet with Prof. Daphna Oyserman (Kanbar Hall)

Chair: **Avner Caspi** (The Open University of Israel)

12:00-13:00 Lunch Break

13:00-14:30 Parallel Session B

B1 Literacy and Digital Learning (Neudorfer Auditorium)

Chair: **Tamar Shamir-Inbal** (The Open University of Israel)

Promoting Digital Wisdom Through Partnership of Students in Pedagogical Design of an Academic Course

Tamar Shamir-Inbal (The Open University of Israel), Ina Blau (The Open University of Israel)

Digital Literacy of School Students – Self-report versus Actual Performance

Erez Porat (University of Haifa), Ina Blau (The Open University of Israel), Azy Barak (University of Haifa)

What are the Implications of Integrating One-to-one Computing with Network Laptops (Chromebooks) on Students' Digital Literacy Skills?

Tamar Rozmarin (The Open University of Israel), Tamar Shamir-Inbal (The Open University of Israel), Ina Blau (The Open University of Israel)

Metaphors of Learning and of Digital Learning: The Insights of School ICT Leaders

Ronen Grinberg (The Open University of Israel), Tamar Shamir-Inbal (The Open University of Israel), Ina Blau (The Open University of Israel)

B2 Simulating Scientific Processes (Chais Auditorium)

Chair: **Anat Yarden** (Weizmann Institute of Science)

Attraction vs. Repulsion – Learning about Chemical Bonding with the ELI-Chem Simulation

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

Follow the Glucose Molecule: Learning Pharmacology by Exploring Multi-Scale Agent-Based Computer Models of Cellular Biochemical Processes and their Interactions Between Organs

Ilana Dubovi (University of Haifa), Efrat Dagan (University of Haifa), Laila Nasar (University of Haifa), Ola Sader Mazbar (University of Haifa), Sharona T. Levy (University of Haifa)

"You Evaporated?"vs. "It Escaped": A Comparison of Students' Reasoning about Vaporization when Using Participatory and Non-participatory Simulations

Elon Langbeheim (University of Haifa), Sharona T. Levy (University of Haifa)

Learning about Proteins Using Jmol 3-D Molecule Viewer: Teachers and Students Views

Ohad Levkovich (Weizmann Institute of Science), Anat Yarden (Weizmann Institute of Science)

B3 Poster session I (Kanbar Hall)

Chair: **Gila Kurtz** (The Center for Academic Studies)

Adopting Educational Technologies by Special Education Teachers

Tamar Kehila (The Center for Academic Studies), Tali Medina (The Center for Academic Studies), Gila Kurtz (The Center for Academic Studies)

Attitudes of Teachers Toward Sharing Educational Resources in Closed Groups Facebook

Tamar Hamada (The Center for Academic Studies), Avital Hubara (The Center for Academic Studies), Gila Kurtz (The Center for Academic Studies)

The Contribution of "Googale" to the Preschoolers' Education

Tali Kaplan Azur (The Center for Academic Studies), Gila Kurtz (The Center for Academic Studies)

Solving Mathematical Verbal Problem Using Visualization Methods for Slow Pace Students

Meital Shmueli (The Center for Academic Studies), Racheli Toren (The Center for Academic Studies), Gila Levi-Atzmon (The Center for Academic Studies)

From CALL to MALL: The Case of Free Learners of Chinese in Israel

Orit Ezra (Tel Aviv University), Anat Cohen (Tel Aviv University), Rafi Nachmias (Tel Aviv University)

Mathematics Teachers' Attitudes about Online Training and their Motivations to Participate in These Trainings

Sigalit Rahom (Tel Aviv University), Anat Cohen (Tel Aviv University)

Serendipitous Learning and Interdisciplinarity

Rocky Sitman (Tel Aviv University), Arnon Hershkovitz (Tel Aviv University), Guy Bresler (CET – Center for Educational Technology), Maya Ben-Amotz (Rothberg High-School, Ramat HaSharon)

Students' Utilization of Flexibility of Time, Place, and Content Usage in a Fully Online Academic Course

Tali Kahan (Tel Aviv University), Tal Soffer (Tel Aviv University), Rafi Nachmias (Tel Aviv University)

Evaluating EFL Apps for Young Learners

Efrat Marco (Tel Aviv University), Anat Cohen (Tel Aviv University), Ofra Inbar (Tel Aviv University)

Integration of ICT and Information Literacy in Primary School in Israel from the Perspective of Fifth and Sixth Grades

Sigal Ben-Amram (Bar-Ilan University), Judit Bar-Ilan (Bar-Ilan University), Noa Aharony (Bar-Ilan University)

Relations Between Theoretical and Practical Knowledge in Technological Training

Rachel Samuel (Afeka Tel-Aviv Academic College of Engineering, Tel-Aviv University), David Chen (The Center for Academic Studies, Tel-Aviv University)

Enrichment of Facebook Conversations of Haredi Leaders by Means of Teaching the Roles and Uses Attributed to Torah-Related Texts on the Internet

Merav Amran

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

15:00-16:00 Parallel Session C

C1 Psychological effects (Neudorfer Auditorium)

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

Promoting Pro-Social Ability of Preschool Children with High-Functioning Autism (HFASD) with a Computer Mediated Intervention

Sigal Eden (Bar Ilan University), Atara Oren (Bar Ilan University)

Parental Active Mediation, Need for Popularity and Negative Experience on Social Networks Sites Among Adolescents

Hagit Sasson (University of Haifa)

Computerized Training for Enhancing Exploration in Theory of Mind Learning

Nirit Gavish (ORT Braude College), Doron Faran (ORT Braude College), Mark Berman (ORT Braude College)

C2 Workshop (Kanbar Hall)

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

Open edx: Blended Learning and MOOCs

Eran Raviv (Campus), Guy Barner (Campus), Asaf Weiss (Campus), Dana Bublil (Campus)

16:00-16:30 Coffee Break

16:15-17:00 Closing Session (Neudorfer Auditorium)

Chair: **Nitza Geri** (The Open University of Israel)

Closing Keynote

Prof. Yair Levy
Nova Southeastern University

Cyber Security and Social Engineering: Growing Threats

Wednesday, February 15, 2017

8:30-9:30 Networking and Registration

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

Chais: **Yoram Eshet-Alkalai** (Program Committee Chair, Chais 2017 conference)

Best Student Paper Award

Opening keynote

Prof. Erran Carmel
American University, Washington DC

The Future of Work and the Workplace and some Implications for Lifelong Learning

10:30-10:45 Coffee Break

10:45-12:15 Parallel Session D

D1 Learning is an Experience (Neudorfer Auditorium)

Chair: **Miky Ronen** (Holon Institute of Technology)

Factors Related to Enjoyment of a Cellular Game in School
Hagit Meishar-Tal (Holon Institute of Technology), Miky Ronen (Holon Institute of Technology)

Strategies for Developing Mobile Location-based Learning Activities
Hagit Meishar-Tal (Holon Institute of Technology), Chen Possek (Holon Institute of Technology), Adi Peretz (Holon Institute of Technology), Sarel Shiran (Holon Institute of Technology)

Role-Taking and Attitude Change in a Computerized Simulation of the Israeli-Palestinian Conflict: Direct Party vs. Distant Party
Ronit Kampf (Tel Aviv University)

Exposure to Google Doodles as a Learning Opportunity
Yael Leshem (Tel Aviv University), Arnon Hershkovitz (Tel Aviv University)

Nominee for Best Student Paper Award

D2 Technologies and STEM pedagogy (Chais Auditorium)

Chair: **Gal Ben-Yehuda** (The Open University of Israel)

Five-point Level of Mathematics and/or Physics in a Virtual High School: Why? Why Not? Who? And So What?

Yaniv Biton (Shaanan College – Haifa, Centre for Educational Technology), Osnat Fellus (University of Ottawa), Dafna Raviv (Centre for Educational Technology)

The Effect of Prior Education of Unique Groups that Study Computer Science: The Case of Ultraorthodox Jewish Students

Sara Genut (Jerusalem Colledge of Technology), Yifat Ben-David Kolikant (The Hebrew University of Jerusalem)

Is Science Inherently Boring? A Comparison of Science and General Items on Mako News Site

Yael Barel-Ben David (Technion – Israel Institute of Technology), Ayelet Baram-Tsabari (Technion – Israel Institute of Technology), Erez Garti (Technion – Israel Institute of Technology)

D3 Students meet with Prof. Erran Carmel (Kanbar Hall)

Chair: **Yoram Kalman** (The Open University of Israel)

12:15-13:00 Lunch Break

13:00-14:00 Parallel Session E

E1 Implementing Innovation (Neudorfer Auditorium)

Chair: **Arnon Hershkovitz** (Tel Aviv University)

Development of Technological-Pedagogical Innovation by Faculty Members in Teacher Education Colleges: An Ongoing Challenge

Olzan Goldstein (Kaye Academic College of Education), Miri Shonfeld (Kibbutzim College)

Transcending Niche-Research Context Through Research – Practice Partnerships (RPPs)

Adi Kidron (University of Haifa, LINKS I-CORE), Yael Kali (University of Haifa, LINKS I-CORE), Iris Wolf (Kadima Mada World ORT)

If the Lesson Isn't Good the Computer Won't Make it Good": Teachers in a Paperless Classroom

Hagit Meishar-Tal (Holon Institute of Technology), Miri Shonfeld (Kibbutzim College), Hasi Ran (Tichonet)

E2 Reading and Writing (Chais Auditorium)

Chair: **Ayelet Baram-Tsabari** (Technion – Israel Institute of Technology)

"Magic Power": Fostering Comprehension and Sense of Self-Efficacy Through Game-Based Learning Environment

Hani Franco (University of Haifa, LINKS I-CORE), Ornit Sagy (University of Haifa, LINKS I-CORE)

The Influence of Self-Regulated Learning on the Comprehension of Digital Text: A Comparison of University Students with and Without ADHD

Adi Brann (The Open University of Israel), Gal Ben-Yehudah (The Open University of Israel)

An Automated Jargon Identification Program: Evaluating STEM Students' Use of Jargon in Written Scientific Genres

Tzipora Rakedzon (Technion – Israel Institute of Technology), Elad Segev (Holon Institute of Technology), Ayelet Baram-Tsabari (Technion – Israel Institute of Technology)

E3 Poster Session II (Kanbar Hall)

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

The Effect of the Pace of Online Interruptions and the Information Richness of the Interruptions

Eilat Chen Levy (University of Haifa, LINKS I-CORE), Sheizaf Rafaeli (University of Haifa, LINKS I-CORE)

Knowledge Building and Jewish Education: Forging an Interdisciplinary Perspective

Etan Cohen (University of Haifa, LINKS I-CORE), Dani Ben-Zvi (The Open University of Israel), Yotam Hod (University of Haifa, LINKS I-CORE)

Challenges in Virtual vs. Blended Courses among Pre-Service Teachers

Gila Zilka (Bar Ilan University, Achva Academic College), Orit Zeichner (Kibbutzim College)

The Effectiveness of Using IPad Apps to Develop Phonological Awareness for Students with Learning Difficulties

Betty Shrieber (Kibbutzim College), Sapir Cohen (Kibbutzim College), Liz Katav (Kibbutzim College)

The Motives and Characteristics of Entrepreneurs Who Created Applications for People with Special Needs

Betty Shrieber (Kibbutzim College), Adi Rachamim (Kibbutzim College), Hila Roeimi (Kibbutzim College)

The Use of Robot to Promote Working Memory of Young Children with Verbal Expression Difficulties
Miri segall (Kibbutzim College), Betty Shrieber (Kibbutzim College)

Case Study: The Use of an iPad as a Means of Enhancing Reading Comprehension of a Student with Autistic Spectrum Disorder
Sheli Leader-Anit (Kibbutzim College), Betty Shrieber (Kibbutzim College)

Fostering Historical Thinking Through Model Annotations
Shai Goldfarb (Ben-Gurion University of the Negev, LINKS I-CORE), Iris Tabak (Ben-Gurion University of the Negev, LINKS I-CORE)

Advantages of Using ClassBoost System in a Learning and Teaching Process in Academic College of Education: The Perspective of the Students
Orna Levin (Achva Academic College), Orit Avidov Ungar (Achva Academic College, The Open University of Israel)

Teacher-Student Relationships in Online Courses
Hasida Yakubov (Kibbuzim College), Dalit Levy (Kibbuzim College)

The Prophet and the Prophetic Role: Creating a Biblical MOOC
Yehoshua Reiss (Herzog Academic College), Yonit Sadan Westman (Herzog Academic College), Yoni Harband (Herzog Academic College)

Reading Maps with HaTanakh.com
Yehoshua Reiss (Herzog Academic College), Yonit Sadan Westman (Herzog Academic College), Yoni Harband (Herzog Academic College)

Developing Digital Literacy Skills from the Perspective of Teachers and Students: Preliminary Results
Deborah Houminer (The Open University of Israel), Ina Blau (The Open University of Israel), Yoram Eshet-Alkalai (The Open University of Israel)

The Effect of Combining Computer Simulations and Animations on the Achievements, Motivation and Thinking Skills of Students in Fourth Grade
Esther Arviv (Hemdat HaDarom College for Education), Janet Talmon (Hemdat HaDarom College for Education)

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

F1 Interaction in Learning (Chais Auditorium)

Chair: **Yael Kali** (University of Haifa, LINKS I-CORE)

Online Peer Assessment and Students' Familiarity: Are they Interdependent?

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

Designing Technology to Foster Socioscientific Reasoning by Promoting Internal Values of Learning

Hava Ben-Horin (University of Haifa, LINKS I-CORE), Carmit Pion (University of Haifa, LINKS I-CORE), Yael Kali (University of Haifa, LINKS I-CORE)

Knowledge Sharing in Social Networks: A Look Behind the Scenes of the College of Education

Smadar Bar-Tal (Levinsky College of Education, The Mofet Institute), Christa Asterhan (The Hebrew University of Jerusalem)

F2 Online Courses (Chais Auditorium)

Chair: **Gilad Ravid** (Ben-Gurion University of the Negev)

Integrating Case Studies in a Distance Learning Online Course on Ethics of Research

Gizell Green (Technion – Israel Institute of Technology), Miri Barak (Technion – Israel Institute of Technology)

Can a Passive Internet Consumer be Transformed into an Active Learner?

David Pundak (Ort Braude College, Kinneret College), Yehuda Peled (Western Galilee College), Rivka Weiser-Biton (Ort Braude College)

Implementation of the National Program to Transform Colleges of Education to Match the Demands of Education in the 21st century: Pre-Service Teachers Preparation to Teach with ICT

Olzan Goldstein (Kaye Academic College of Education), Bertha Tessler (David Yelin College)

F3 Poster Session III (Kanbar Hall)

Chair: **Ronen Hammer** (Holon Institute of Technology)

The Relationship Between Academic Writing and Digital Writing in WhatsApp Application

Hagit Meishar-Tal (Holon Institute of Technology), Reut Blum (Holon Institute of Technology), Shachar Leshem (Holon Institute of Technology)

The Talkback Discourse of Using Smartphones in School
Adili Yablonka (Holon Institute of Technology), Hadas Cohen (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Teachers' Concerns of Using Mobile Phones for Teaching
Noy Misgav (Holon Institute of Technology), Hadas Steiner (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

"I Took a Self-Regulated Online Course. Would You Hire Me?"
Guy Dvir (Holon Institute of Technology), Polina Belinsky (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Class WhatsApp group, a New Educational Sphere
Noa Meinrath (Holon Institute of Technology), Niva Kertsner (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

The Meaning of Innovation in Learning Technologies Discourse
Shani Atar (Holon Institute of Technology), Reut Karmona (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

Students' Considerations in Choosing Online Tools for Out-of-Class Communication with the Lecturers
Noofar Lapushner (Holon Institute of Technology), Hagit Meishar-Tal (Holon Institute of Technology)

"If I Will Create a Game, I'll Learn!"
Avital Kesler (The Open University of Israel), Hagit Meishar-Tal (Holon Institute of Technology, The Open University of Israel)

Bring or Leave Your Own Device? Using Smartphones in a Teaching-Learning Process: Teachers' Attitudes
Shlomit Hadad (The Open University of Israel), Hagit Meishar-Tal (Holon Institute of Technology, The Open University of Israel)

The Effect of the Teachers' Individual Skills, on the Success of Teamwork in Online Collaborative Learning Environments
Noa Kritz (Kibbutzim College), Miri Shonfeld (Kibbutzim College), Elaine Hoter (Talpiyot Academic College for Education)

Online Collaborative Project: A Pupils' Perspective
Shir Shalev (Kibbutzim College), Miri Shonfeld (Kibbutzim College), Elaine Hoter (Talpiyot Academic College for Education)

Technological Development Circles in Online Collaborative Learning
Efrat Shoshani-Bachar (Kibbutzim College), Miri Shonfeld (Kibbutzim College), Elaine Hoter (Talpiyot Academic College for Education)

Five-point Level and Virtual Learning – A Match Made in Heaven? Perspectives of Teachers Who Teach Mathematics and Physics in the Israeli Virtual High School
Yaniv Biton (Shaanan College, Haifa Centre for Educational Technology (CET)), Osnat Fellus (University of Ottawa), Dafna Raviv (Centre for Educational Technology (CET))

Promoting Factors in Online Collaborative Learning
Idan Hershko (Kibbutzim College), Miri Shonfeld (Kibbutzim College)

Implementation of the Project-Based Learning incorporating ICT in Elementary School
Oren Dolev (Kaye Academic College of Education), Olzan Goldstein (Kaye Academic College of Education)

The Civics Virtual Classroom: Technology Enhancing Acquaintanceship and Learning Interactions in a Multi-Cultural Group
Dafna Raviv (Centre for Educational Technology (CET)), Aviv Tzemach (Centre for Educational Technology (CET)), Naama Cohen Baruchi (Centre for Educational Technology (CET))

15:30-15:45 Coffee Break and Poster Exhibition Tour

16:00-17:00 Special Closing Session (Neudorfer Auditorium)

Chair: **Nitza Geri**

Introduction: **Merav Salomon**, Bezalel Academy of Arts and Design

A Discussion Panel
in Memory of the Late Prof. Gavriel Salomon

Critical Thinking on the Integration of Technology in Learning

Participants:
Sheizaf Refaeli (University of Haifa) – Mediator
Amnon Dekel (Shenkar – Engineering. Design. Art.)
Yuval Dror (College of Management Academic Studies)
Yoram Eshet-Alkalai (The Open University of Israel)