

## “Intercultural Ties in Higher Education and Academic Teaching” International Conference Ariel University Center of Samaria, Ariel, Israel

Sunday, 18 September, 2011

20:00 Musical Performance by violinist & vocalist, Rodion Seiler (Auditorium 'Raab', Building 52)

Monday, 19 September, 2011

09:30–10:00 Gathering and refreshments (Auditorium 'Raab', Building 52)

10:00–10:30 Greetings:

**Prof. Dan Meyerstein**, President, *Ariel University Center, Israel*

**Prof. Michael Zinigrad**, Rector, *Ariel University Center, Israel*

**Prof. Israel Nebenzahl**, Dean of the Faculty of Social Sciences and Humanities, *Ariel University Center, Israel*

**Prof. Eran Sher**, *Ben Gurion University, Israel*

Session A (Auditorium 'Raab', Building 52)

**Chair: Prof. Zilla Sinuany Stern**, *Ben Gurion University and Ariel University Center, Israel*

10:30–10:45 Application of domain name service in LAN

**Dr. Evgeny B. Starichenko**, *Ural State Pedagogical University, Russia*

**Ms. Alesya E. Starichenko**, *Ural Federal University, Russia*

10:45–11:00 'The course is difficult, the teacher is disorganized, unclear, and intellectually unchallenging...' What do students mean?

**Prof. Nira Hativa, Prof. Menucha Birenbaum, Ms. Naama Harish, Ms. Sara Miron, Michal Shnitzer**, *Tel Aviv University, Israel*

11:00–11:15 Paradoxes in Higher Education: Universities versus Academic Colleges

**Prof. Zilla Sinuany Stern**, *Ben Gurion University and Ariel University Center, Israel*, **Dr. Nitza Davidovitch**, *Ariel University Center, Israel*

11:15–11:30 Assessment system: a retrospective view

**Alexandra Gerkerova**, *South Ukrainian K.D. Ushinsky National Pedagogical University, Ukraine*

**Dr. Roman Yavich**, *Ariel University Center, Israel*

11:30–11:45 **Coffee Break**

Session B (Auditorium 'Raab', Building 52)

**Chair: Prof. Yaacov Iram**, *Bar Ilan University, Israel*

11:45–12:00 Associative and synectic technology realization with the involvement of computer graphics

**Prof. Sergey A. Novoselov, Ms. Natalia P. Ivanova**, *Ural State Pedagogical University, Russia*

12:00–12:15 Constructors of visual actions as a basis of formation of student ability of reflection and representation of results of research activity

**Dr. A.V. Slepukhin, Dr. I.N. Semenova**, *Ural State Pedagogical University, Russia*

12:15–12:30 The Principles of High Education Quality Assessment in Georgia

**Dr. Inga Manasheridze, Dr. Meri Gabedava**, *Company "Interbusiness" Academy, Tbilisi, Georgia*

12:30–12:45 "Intertextuality" – relationships between cultures in higher education: between Russian, French and English – and Hebrew

**Dr. Amnon Shapira**, *Ariel University Center, Israel*

12:45–13:00 The quest for world-class universities

**Prof. Yaacov Iram**, *Bar Ilan University, Israel*

13:00–14:00 **Lunch**



Session C (Auditorium 'Raab', Building 52)

**Special session honoring Prof. Roberta Milgram for her outstanding contribution in the field of giftedness and creativity**

**Chair: Dr. Miri Shonfeld**, TEC Center, Mofet Institute, Israel

- 14:00–14:15** Social–Academic Climate in Architecture  
**Dr. Hernan Casakin, Dr. Nitza Davidovitch**, Ariel University Center, Israel
- 14:15–14:30** Developing Sociolinguistic Competence in Pre–Service English Language Teacher Education  
**Prof. Tatyana Yeremenko**, South Ukrainian K. D. Ushinsky National Pedagogical University, Ukraine
- 14:30–14:45** Formation of educational expectations of students: the role of higher schools (Russia–Israel)  
**Dr. Lobova Elena, Dr. Pryamikova Elena**, Ural State Pedagogical University, Ekaterinburg, Russia  
**Dr. Nitza Davidovitch**, Ariel University Center, Israel
- 14:45–15:00** Pre–service teachers at college: how do they characterize the social climate and their own integration?  
**Dr. Lilach Lev–Ari, Dr. Dinah Laron**, Oranim, Academic College of Education
- 15:00–15:15** Connections between culturally diverse groups in the educational reality of the 21st century  
**Dr. Miri Shonfeld, Dr. E. Hoter, Dr. N.A. Ganayem**, TEC Center, Mofet Institute, Israel
- 15:15–15:30** Presentation of Achievement Award to Prof. Roberta Milgram

Session on Mathematical Education (Building 52 room 4.9)

- 11:45–15:15** Super Final of 7th International Mathematics Olympiad for University Students (Individual Competitions)
- 15:15–15:30** **Coffee Break**
- 15:30–17:00** Meeting of the forum for the advancement of teaching (Building 3 A)  
**Prof. Eran Sher**

Mathematical Competitions in the General Context of Mathematical Education (Building 52 room 4.9)

**Chair: Dr. Vadim Bugaenko**, Ariel University Center, Israel

- 15:30–16:15** Internet Mathematical Olympiads for Students  
**Prof. A. Domoshnitsky, Dr. R. Yavich**, Ariel University Center, Israel
- 16:15–17:00** About the Mathematics Olympiad Movement  
**A. Kannel–Belov**, Bar Ilan University, Ramat Gan, Israel
- 18:30** Dinner
- 19:30** Entertainment

**Tuesday, 20 September, 2011**

- 09:15–09:45** Gathering and refreshments (Building 3 A)

Session D (Building 3 A)

**Chair: Dr. Netta Notzer**, Sackler Faculty of Medicine Tel–Aviv University, Israel

- 09:45–10:00** Sources of stress among physiotherapy students: a cross–cultural Perspective  
**Dr. Tamar Jacob**, Ariel University Center, Israel  
**Dr. Christina Gummesson, Dr. Eva Nordmark**, Lund University, Sweden  
**Dr. Doa El–Anshari, Dr. Louisa Remedeois, Assistant Prof. Jillian Webb**, Melbourne University, Australia
- 10:00–10:15** Teaching ethics to students in higher education: the case of medical education  
**Dr. Netta Notzer, Dr. Ruth Abramowitz**, Sackler Faculty of Medicine, Tel–Aviv University, Israel
- 10:15–10:30** Russian high school experience with 'clickers'  
**Prof. Boris Starichenko, Mr. Artem N. Egorov**, Ural State Pedagogical University, Ekaterinburg, Russia
- 10:30–10:45** Moral decision making – from intuition to method  
**Adv. Ofir Tzuman**, Teaches "Ethics and Morality in Organizations" in the Executive MBA program at Hebrew University

**10:45–11:00** On the question of scaling results of mass testing  
**Prof. Marina Yurievna Mamontova**, *Ural State Pedagogical University, Ekaterinburg, Russia*

**11:00–11:15** **Coffee Break**

**Session E (Building 3 A)**

**Chair: Dr. Rhonda Sofer**, *Gordon College of Education, Israel*

**11:15–11:30** Reconciling Cross-Culturally Different Approaches to Post-Secondary Education Accreditation: The needs of U.S. students studying abroad.

**Dr. T. Hershel Gardin**, Senior Vice President of Institutional Development and Dean of Academic Administration MJJ Institute

**11:30–11:45** Efficiency of education reform in technical high schools

**Prof. Otar Gelashvili, Prof. Nugzar Navadze**, *Georgian Tech. University, Tbilisi, Georgia*

**11:45–12:00** Key views on research of Master's students at faculties of the arts

**Dr. Alla Mikolaiyvna Rastryhina**, *Volodymyr Vynnychenko Kirovograd State Pedagogical University, Ukraine*

**12:00–12:15** Intergenerational occupational transmission in occupational choice: Examination of the Theory of Planned Behavior, parent-child relationship, self efficacy and self regulatory focus.

**Mr. Ariel Caduri, Dr. Lior Oren**, *Ariel University Center, Israel*

**12:15–12:30** Debate methodology in the classroom

**Adv. Ofir Tzuman** Expert presenter, Adjunct lecturer at *Ariel University Center*

**12:30–12:45** Differences in teaching styles in adult education: between traditional and distance teaching environments

**Ms. Niva Wengrowicz, Prof. Offir Baruch**, *Bar-Ilan University, Israel*

**12:45–13:00** A model for structuring relations in a Tempus international partnership: a narrative presentation

**Dr. Rhonda Sofer**, *Gordon College of Education, Israel*

**9:45 – 13:00** Super Final of the 7th International Mathematics Olympiad for University Students (Team Competitions)- (Building 8 room 3.8)

**13:00–14:00** **Lunch**

**Session F (Building 3 A)– Technology and Engineering Education**

**Chair: Prof. Yuri Ribakov**, *Ariel University Center, Israel*

**14:00–14:15** Development of a low-cost measurement system for educational purposes as a first step for scientific and commercial application

**Prof. Boris Resnik, Beuth Hochschule fr Technik**, *University of Applied Sciences, Berlin, Germany*

**14:15–14:30** Developing and using a specialized educational module to program ANSYS for numerical design of building constructions

**Prof. Galina G. Kashevarova, Dr. D.A. Povarnitsyn, Prof V.K. Henner**, *Perm State Technical University, Russia*

**14:30–14:45** Pedagogical Aspects of Training Students in Technical Reasoning

**Ms. Natalia N. Piskun**, *Shevchenko State Pedagogical Univ. of Chernihiv, Ukraine*,  
**Prof. Yuri Ribakov Dr. Nitza Davidovitch**, *Ariel University Center, Israel*

**14:45–15:00** MATLAB and Simulink Laboratory – a basis for learning real control applications

**Prof. Gregory Agranovich, Prof. Yuri Ribakov, Dr. Nitza Davidovich, Ido Halperin**, *Ariel University Center, Israel*

**15:00–15:15** **Coffee Break**

**Session G – Technology and Engineering Education (Building 3 A)**

**Chair: Prof. Yuri Ribakov, Ariel University Center, Israel**

- 15:15–15:30** Textbooks for RC structures courses as a way of improving the basic schooling of civil engineers  
**Prof. Iakov Iskhakov, Ariel University Center, Israel**
- 15:30–15:45** Creating a professional model of an innovative engineer based on performance analysis  
**Klimenty L. Levkov, Prof. Oleg.L. Figovsky, Tel Aviv University, Israel**
- 15:45–16:00** Master Program “Reliability and safety of building structures” at the University of Civil Engineering  
**Prof. Vladimir I. Andreev, Prof. Oleg V. Mkrtychyev, Prof. Guram A. Dzhinchvelashvili, Moscow State University of Civil Engineering, Russia**
- 16:00–16:15** Studying the dynamic behavior of bridges under seismic loadings using Simulink package  
**Dr. Boris Blototsky, Dr. Elia Efraim, Ariel University Center, Israel**
- 16:15–16:30** Psychological aspects in differentiated approach to mathematical studying of students and preparatory courses listeners in air space University  
**Prof. O.U. Balashova, Margarita Manushkina, Galina Polezhaeva Sibir State Aerospace University, Russia.**

**Internet Mathematics Olympiads for University Students: Open Discussion (Building 3 room 1.19)**

**Chair: Prof. Alexander Domoshnitsky, Ariel University Center, Israel**

- 14:00–14:15** Mathematical Games: International Mathematics Olympiad for College and University Students  
**Dr. Roman Yavich, Prof. Alexander Domoshnitsky and Dr. Nitza Davidovitch**
- 14:15–16:15** **Dr. V. Bugaenko, Ariel University Center, Ariel, Israel**  
**Dr. R. Yavich, Ariel University Center, Ariel, Israel**  
**Dr. Z.Ju. Faizullin, Bashkirstan State University, Ufa, Russia**  
**Dr. Prof. T.V. Zavialova, Ural State Transport University, Yekaterinburg, Russia**  
**Dr. O.V. Krukova, Vologda State Technical University, Vologda, Russia**  
**Dr. S.V. Lenyuk, Altay State University, Barnaul, Russia**  
**Dr. A.E. Biryuk, Kuban State University, Krasnodar, Russia**  
**Dr. T.E. Zakharova, Sibir State University of Telecommunication and Informatics, Russia**  
**Dr. D.I. Makhmutova, Kazan State Financial-Economic Institute, Kazan, Russia**  
**Dr. V.A. Kuznetsova, Tula State University, Tula, Russia**  
**Dr. N.V. Beletskaya, Moscow State Institute of Radio, Electronics and Informatics, Moscow, Russia**  
**Prof. R. Koplataдзе, Tbilisi State University, Tbilisi, Georgia**  
**Prof I. V. Astashova, Moscow State University, Moscow, Russia**  
**Dr. L.G. Lelevkina, Kyrgyz – Russian Slavic University, Kyrgystan**  
**Dr. S.H. Royak, Novosibirsk State Technical University, Novosibirsk, Russia**  
**Prof. H. Sultanov, MagtymgulyTurkmen State University, Ashgabat, Turkmenistan**  
**L.V.Marchenko, Far Eastern State Transport University, Khabarovsk, Russia**  
**Dr. M.V. Aliyev, Adyge State University, Maykop, Russia**  
**T.A. Gorshkova, National Research Nuclear University “MIFI”, Moscow, Russia**  
**Dr. E.A. Kalinina, Saint-Petersburg State University, Saint-Petersburg, Russia**  
**Dr. E.F. Sharin, North-Eastern Federal University, Yakutsk, Russia**  
**Prof. O.Yu. Balashova, Sibir State Aerospace University, Krasnoyarsk, Russia**
- 16:45** **Free guided tour of Jerusalem – participants must register in advance.**



Wednesday, 21 September 2011

9:15–9:45 Gathering and Refreshments (Building 3, room 1.18)

Session H

**Chair: Prof. Dan Soen**, Ariel University Center, Israel

9:45–10:00 From college to university: The College of Judea and Samaria in Ariel (1982–2007)  
**Dr. Dana Zelikovski**, Israel

10:00–10:15 Maintaining a balance in the academic world – processes of monitoring and quality management: between the legitimate and the blasphemous  
**Mr. Yehuda Drasinover, Dr. Nitza Davidovitch**, Ariel University Center, Israel

10:15–10:30 On possible contributions of researchers to practitioners: some insights  
**Dr. Eliezer Yariv**, Gordon College of Education, Haifa, Israel

10:30–10:45 Expectations, practices, and preferences of college students, a cross-cultural perspective: CIS-Israel  
**Dr. Nitza Davidovitch**, Ariel University Center, Israel  
**Dr. Elena Lobova, Dr. Elena Pryamikova, Dr. Tatiana Semenova, Ms. Tatiana Pechenkina, Ms. Maria Yachmeneva**, Ural State Pedagogical University, Ekaterinburg, Russia

10:45–11:00 Origins of Art Education In Ukraine  
**Prof. Volodymyr Cherkasov**, Volodymyr Vynyichenko Pedagogical University, Kirovograd, Ukraine

11:00–11:15 Influence of acquaintance with Israel on young adults from the Former Soviet Union (FSU): Assessment of the "Masa" educational program  
**Dr. Irena Lurie, Sofia Patsuk**, Ariel University Center, Israel

11:15–11:30 Academic Accessibility as Tested by Employment Investigating the Income of 2000–2008 Graduates of the Ariel University Center  
**Dr. Michael Bielsky and Dr. Nitza Davidovitch**, Ariel University Center, Israel

Mathematic Session. (Building 3, room 1.19)

**Chair: Prof Alexei Kannel-Belov**, Bar Ilan University, Israel

9:45 –10:15 Dissection of a story about composing a new Olympiad problem  
**Dr. Boris Koichu**, Igor Kontorovich Technion-Israel Institute of Technology, Haifa, Israel

10:15– 10:45 Analysis and classification of School Mathematics Educational Software  
**Prof. Vadim Levit**, Ariel University Center, Israel

10:45– 11:05 Common mistakes of mathematical reasoning and their connection with students' personality  
**Dr. Yehuda Ashkenazi, Aliona Stelmachenko**, Ariel University Center, Israel

11:05 – 11:25 The evolution of students' problem-solving ideas in a team mathematics competition  
**Alon Levy, Prof Boris Koichu, Avi Berman**, Technion – Israel Institute of Technology, **Roza Leikin**, University of Haifa, Israel

11:25–11:40 On issues and teaching strategies in algebraic education of pre-service mathematics teachers  
**Dr. Ilya Sinitsky**, Gordon Academic College of Education, Haifa, Israel

11:30–12:00 **Coffee Break**



- 12:00–13:00** Presentation of research papers written by foreign students as part of the “Masa” Research program (Building 3, room 1.18)
- Notions of Israeli Students About Personal Space Boundaries in Intrapersonal Relations  
**Sirota E., Aviad Y.**, *Ariel University Center of Samaria*
- Do Humans Resist Using Robots in the Home?  
**Kate Klimovich**, *Ariel University Center of Samaria*
- Investigation of the adhesive mechanism of globular protein to the ionic crystal surface: realized by FTIR EW-spectroscopy in mid-IR  
**S. Yusupova, Dr. Y. Raichlin**, *Ariel University Center of Samaria*
- Training of children of elementary school with use of mathematical games  
**Aliona-Ruth Stel'machenko, Dr. Yehuda Ashkenazi**, *Ariel University Center of Samaria*
- “Do cultural values shape human emotions? A cross-cultural comparison of emotional responses of Israeli and the Former Soviet Union subjects”.  
**Anna Vaisertreiger**, *Ariel University Center of Samaria*
- Dependence of Seef Cave drip water chemistry as dependence to conservative soil treatment methods  
**Olga Suvorova**, *Ariel University Center of Samaria*
- 13:00–14:00** **Lunch**
- 14:00** **Biblical instruments with the composer Prof. Max Stern**