“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 Remedio, 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
On the question of scaling results of mass testing
Prof. Marina Yurievna Mamontova, Ural State Pedagogical University, Ekaterinburg, Russia

Coffee Break

Session E (Building 3 A)

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

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 MJ Institute

Efficiency of education reform in technical high schools
Prof. Otar Gelashvili, Prof. Nugzar Navadze, Georgian Tech. University, Tbilisi, Georgia

Key views on research of Master’s students at faculties of the arts
Dr. Alla Mikolaiyvna Rastryhina, Volodymyr Vynyichenko Kirovograd State Pedagogical University, Ukraine

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

Debate methodology in the classroom
Adv. Ofir Tzuman, Expert presenter, Adjunct lecturer at Ariel University Center

Differences in teaching styles in adult education: between traditional and distance teaching environments
Ms. Niva Wengrowicz, Prof. Offir Baruch, Bar-Ilan University, Israel

A model for structuring relations in a Tempus international partnership: a narrative presentation
Dr. Rhonda Sofer, Gordon College of Education, Israel

Super Final of the 7th International Mathematics Olympiad for University Students (Team Competitions)– (Building 8 room 3.8)

Session F (Building 3 A) - Technology and Engineering Education

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

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

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

Pedagogical Aspects of Training Students in Technical Reasoning
Ms. Natalia N. Piskun, Shevchenko State Pedagogical Univ. of Chernihiv, Ukraine, Prof. Yuri Ribakov Dr. Nitza Davidovich, Ariel University Center, Israel

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

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. Mrktychev, 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 Blostotsky, 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 Domoshnitzky 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. Krukovka, 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. Koplatadze, Tbilisi State University, Tbilisi, Georgia
Prof I. V. Astashova, Moscow State University, Moscow, Russia
Dr. L.G. Lelevkina, Kyrgyz – Russian Slavic University, Kyrgyzstan
Dr. S.H. Royak, Novosibirsk State Technical University, Novosibirsk, Russia
Prof. H. Sultanov, MagtyngulyTurkmen State University, Ashgabat, Turkmenistan
L.V. Marchenko, Far Eastern State Transport University, Khabarovsky, 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

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