The First International Conference
Art, Science and Technology: Interaction between Three Cultures
Ort Braude College, Karmiel, Israel
June 1, 2011

“Beauty will Save the World” (F. Dostoevsky, Russian Writer)

Program

<table>
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<tr>
<th>Time</th>
<th>Session 1 Art, Science, Technology and Society Chairs: Nicholas Harris and Sylvia Sobieszczky</th>
<th>Session 2 Scientific and Technological Education through Chairs: Charlotte Schapira and Oved Kedem</th>
<th>Session 3 Being an Artist, Being a Scientist, Being Both Chairs: Miri Weiss Cohen and Vered Aviv</th>
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<tbody>
<tr>
<td>10.00-10.30</td>
<td>Mel Alexenberg, Israel - The Future of Art in a Postdigital Age: From Hellenistic to Hebraic Consciousness</td>
<td>Michel Fauchoux, France - Humanities and Engineering Universities</td>
<td>Keynote lecture: Dirk Huyelbrouck, Belgium - Do Re Math: Mathematics, Music and Visualization: How can Illustrate Mathematics</td>
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<td>10.30-11.00</td>
<td>Dan Shechtman, Israel - The Beauty of Soap Bubbles</td>
<td>Ran Peleg, Ayelet Baram-Tsabari, Israel - Drama in the Science Classroom: Theatrical Tools for Teachers</td>
<td>Vered Aviv, Israel – What Does the Brain Tells us About Abstract Art?</td>
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<td>11.00-11.15</td>
<td>Coffee Break with Music</td>
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<td>12.15-12.45</td>
<td>Katharina Prinzenstein, Austria - Interdisciplinarity in the Eyes of Equal Treatment Ethics</td>
<td>Dafna Efron, Israel - Can Science make you Cry? Theatre at the Bloomfield Science Museum Jerusalem</td>
<td>Noah Shamir, Israel – About Aesthetics in Natural Sciences (the lecture will take 40 min)</td>
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<td>12.45-14.00</td>
<td>Lunch Break with Music</td>
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<td>14.00-14.30</td>
<td>Ben Baruch Blich, Israel - Between Displaying and Representing: A Matter of Selection</td>
<td>Elion Aviram, Israel - Computerized Composition in Music Education</td>
<td>Eliezer Rapoport, Israel – To See the Voices</td>
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<td>14.30-15.00</td>
<td>Yoed Tsur, Israel - Common Pitfalls for Science, Art and Society</td>
<td>Roey Tzezana, Israel - Magic, Mentalism and Science</td>
<td>Barak Tal, Israel – Music Score Reading and its Relation to Solving a Mathematical Problem</td>
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<td>15.30-15.45</td>
<td>Coffee Break with Music</td>
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<td>17.30-18.15</td>
<td>Irena Friedland - Piano, Avshalom Sarid - Viola, Ilan Shul - Clarinet</td>
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<td>19.30-22.00</td>
<td>Conference Dinner and Special Concert: “Atar” Trio (Ofer Shelley – Piano, Tanya Beltser – Violin, Marina Kats - Cello) : Baroque, Jazz and Blues</td>
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Conference Website: http://conferences.braude.ac.il/ArtIndustrial/default.aspx
The First International Conference
Art, Science and Technology: Interaction between Three Cultures
June 2, 2011
“Arts Longa, Vita Brevis” – “Art is Long, Life is Short” (Hippocrates, Ancient Greek Physician)

Program

08.00-09.00
Registration, Acquaintance and Light Breakfast with Music

09.00-09.15
Second Overture: Music Performance by Young Talents

09.15-9.55
Plenary Talk: Tsion Avital, Israel - Art versus Design: the Confusion between Brain Tools and Hand Tools

09.30-10.30
Session 4
Art and Design in Industry
Chairs: Celestino Soddu and Dirk Huylebrouck
Symposium “Generative Art as Science of Poetics”
Keynote lecture: Celestino Soddu, Italy - Immanent Codes of Cities Identity

10.00-10.30
Keynote lecture: Denes Nagy, Hungary and Australia - One, Two, Three or Four Cultures: A Second Look
Cochavit Elefant, Lotan Meir, Israel - The Importance of Music in the Lives of Individuals with Rett Syndrome

10.30-11.00
David Avnir, Israel and Dirk Huylebrouck, Belgium – Chirality in Architecture
Iris Aravot, Israel - Where does the Form Come From?
Vladimir Gontar, Israel - Brain Creativity, Mathematical Imaging and Special Visual Stimuli for Neurofeedback Systems

11.00-11.15
Coffee Break with Music

11.15-11.45
Enrica Colabella, Italy - The Equality Ambiguity
Daphne Haim-Langford, Israel - Biomimicry: a Bridge Between Science and Technology
Gerry Leisman, Israel - Auditory, Visual and Spatial Aesthetic and Artistic Training Facilitates Brain Plasticity: The Arts as a Vehicle for Rehabilitation

11.45-12.15
Michael Burt, Israel – Towards a Theory of Space Networks and Space Subdivision
Abraham Tamir, Israel - Interactions between Art and Science
Robert Meililo, USA - Hemispheric Specific Music as a Potential Treatment Modality for Functional Disconnection in Neurobehavioral Disorders

12.15-12.45
Iohanna Pani, Israel - Objectology
Michael Bar-On, Israel - Photography from the Ancient Greeks to the Digital Bayer Process
Jean-Paul Curchia, Guigui Sarah, Benjamin Courchia, Maud Righini, Gabriel Cwilich, France - Cezanne and the Mount Sainte-Victoire: A Neuroaesthetic Approach

12.45-14.00
Lunch Break with Music

14.00-14.30
Gábor Renner, Hungary - Fast Computation of Highlight Lines on Surfaces
Julia Belopukhova, Sergey Belopukhov, Nikolay Korsun, Arcady Fokin, Elena Kalabashkina, Russia - Flux and Linen Products in the History, Art, Science and Technologies of Nations of the World
Lionel Wolberger, Israel - Scale Meters and Attention: Comprehending Phenomena Spanning Multiple Orders of Magnitude

14.30-15.00
Janusz Rębielak, Poland - Graphical Symbols of Three Cultures in Concept Design of Bezalel Academy of Arts
Peter Soreanu, Israel - Clusters in Data Mining and Communications: An Aesthetic Perspective
Eyal Fried, UK - Acclai's Art Valuation Service: A Critical Exploration of Neuro-metric Technologies and the Human Experience

15.00-15.30
Ferhan Kızıltepe, Turkey - A discussion on Frank O. Gehry and Nationale-Nederlanden
Etan Fisher, Israel - Demonstrating the Pure-Data Real-Time Audio Control Environment
Vanessa Ben Shabetai, Laliv Cohen Israeli, Israel - A Journey Through the Depth of Leonardo da Vinci's Soul

15.30-15.45
Coffee Break with Music

15.45-16.15
Lila Chitayat, Varda Gur, Maya Halevi, Israel - MIC My Ideal City - A Virtual Ideal Jerusalem
Eden Orion, Israel – Astrophotography: Art or Science
Natalia Vikina, Russia - Rational Muses: New Approach to Science and Art

16.15-16.45
Michael Schorr, Israel and Benjamin Valdez, Mexico – Art, Science and Technology in Calatrava’s Bridges
David Gordon, Israel – Hands free - Controlling an Audio-Visual Performance Through Body Movements in Space
Ohad Ben Shimon, Israel and Netherlands – Artistic Writing on Science Subjects

17.00-18.00
Coda Tutti: Karmiel Orchestra and Final Parting

Details and Registration
Association of Engineers and Architects, Doron Tzur Tel: 03-5205827 Fax: 03-5272496 E-mail: doron@aeai.org.il
Conference Website: http://conferences.braude.ac.il/ArtIndustrial/default.aspx

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