



International Society for the
Interdisciplinary Study of
Symmetry (ISIS)



The 2nd International Conference
"Science, Technology and Art Relations" - STAR
In memory of Prof. Dror Sadeh, scientist and artist, and Prof. Mike Radnor
19-20 November 2014

Association of Engineers, Architects and Graduates in Technological Sciences in Israel (AEAI), 200 Dizengoff St, Tel Aviv, Israel

19 November			
08.00-09.00	Registration, Acquaintance and Refreshment with Music		
09.00-09.15	Greetings: Haya Sadeh (Israel)		
09.15-9.55	Plenary Talk: Prof. Jin, Bih-Yaw - National Taiwan University – “Where Science Meets Art”		
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15:45 – 16:15	Nellija Bogdanova, Latvia - Symmetry groups in the Latvian ornaments	Ramzi Suleiman, Israel - Fair is Beautiful
16:15 – 16:45	Peter Beyls, Portugal - Coding for Culture: Cognitive Issues in Coding for Art	Etan Fisher, Israel - An Interactive Multiple Guitar Playing Robot System
16:45 – 17:15	Zoryana Hnetsko, Ukraine - Ecodesign Principles in the Children's Preschool Establishments:International Strategies and Project Realization	Ronen Joseph, Italy - Concrete Mission

20 November	
08.00-09.00	Registration, Acquaintance and Refreshment with Music
09.00-9.55	Plenary Talk: Irena Friedland, Israel - Ut Pictura Musica. Interactions between Igor Stravinsky' music and Analytic Cubism in Visual Arts (lecture and musical performance)
	Session 3 Chair: Dirk Huylebrouck
	Session 4 Chair: Vladimir M. Petrov
10.00-10.30	Keynote lecture: Mecsi Beatrix (Hungary) and Dirk Huylebrouck (Belgium) - The Forbidden Fruit of the Mystic Lamb
10.30-11.00	Eugene A. Katz, Israel - Fullerene-like Architecture in Nano-, Micro- and Macro-worlds. Part1
11.00-11.15	Coffee Break with Music
11.15-11.45	Eugene A. Katz, Israel - Fullerene-like Architecture in Nano-, Micro- and Macro-worlds. Part2
11.45-12.15	Ehud Keinan, Israel - Bio-Inspired capsids and molecular architecture
12.15-12.45	Robert Glaser, Israel - Use of M. C. Escher's Periodic Drawings to Illustrate Symmetry in Crystal Lattices and Their Relevance to Nuclear Magnetic Equivalence
12.45-14.00	Lunch Break Free Time for Exhibition: "ART in the Eyes of Scientists and Engineers. Science and Technology in the Eyes of Artists"
	Chair: Svetlana Visser-Knjazeva
	Chair: Ioannis Vandoulakis
14.00-14.30	Svetlana Visser-Knjazeva, Russia - Building Material as a Source of Knowledge of The World and of The Cultural Heritage
14.30-15.00	Michael Bar-On, Israel - Civil Engineering in the Biblical Era
15.00-15.30	Itzhak Orion, Israel - The Double-Slit Experiment: Science Concepts Realization by Animation
15:30 – 15:45	Coffee Break with Music
15:45-16:15	Tamir Ashman, Israel - A playful way to explore geometry: introducing the octafold building unit
16:15 – 17:00	Final Remarks and Acknowledgments

Exhibition

1. *Dror Sadeh*, Israel – “**Science, Technology and Art**” (Art works from Plexiglas and other materials)
2. *Mehrdad Garousi*, Iran (off-line participation) – “**Let Me Go**” (Fractal animation).
3. *Galya Lutzky*, Israel – “**Regularity and randomness or laws of harmony versus intuition in my art**” (Art works - paintings, wire objects and photo).
4. *Eran Gilat*, Israel, - “**What does novel research of the brain tell us about the mysteries of our visual aesthetic experience?
The “Animal Reminder” genre in the visual arts as a point of reference**” (Art works – photographs).
5. *Zoryana Hnetsko*, Ukraine – “**Ecodesign Principles in the Children's Preschool Establishments: International Strategies and Project Realization**”
(poster)
6. *Kishony Rinat*, Israel – “**Reductionism**” (photo)
7. *Oleg Bodnar*, Ukraine – “**Geometry + Architecture: from History to Innovations**” (poster)
8. *Antal Vásárhelyi*, Hungary – “**The game with symmetry and asymmetry**” (lithography)
9. *Tamir Ashman*, Israel – “**Exploration in Geometry: Exhibition and Polyhedral Workshop**” (interactive exhibition)
10. *Julian Voss-Andreae*, USA (off-line participation) - “**Tension field**” (video)
11. *Akio Hizume*, Japan - “**Star Cage Geometric Zoo**” (3D printed objects, pictures)
12. *Bih-Yaw Jin*, Taiwan – **No name** (3D models of molecules)