



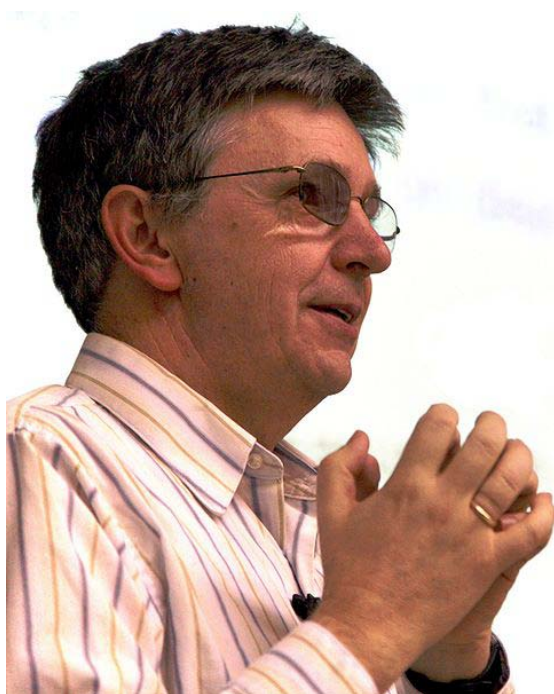
## 2010 Bridges Pécs

*Mathematics, Music, Art, Architecture, Culture*

### The Honorary Speakers

**László Lovász**, the Hungarian mathematician from Budapest, the recipient of the Wolf Prize, the John von Neumann Theory Prize, the Bolyai Prize, the Széchenyi Grand Prize, the Gödel Prize, and the Kyoto Prize, will open the 2010 Bridges Pecs Conference as the First Plenary Speaker!

**Erno Rubik**, the world-known Hungarian architect and professor from Budapest will talk in a special session about one of the best known puzzles of all time, Rubik's Cube, and many more of his inventions!



# The Hungarian Day Speakers



**György Darvas**

The Scientific Co-Organizer of the 2010 Bridges Pécs  
Institute for Research of the Hungarian Academy of Sciences

Director of SYMMETRION

Department of History and Philosophy of Science

Eötvös Loránd University

Budapest, Hungary

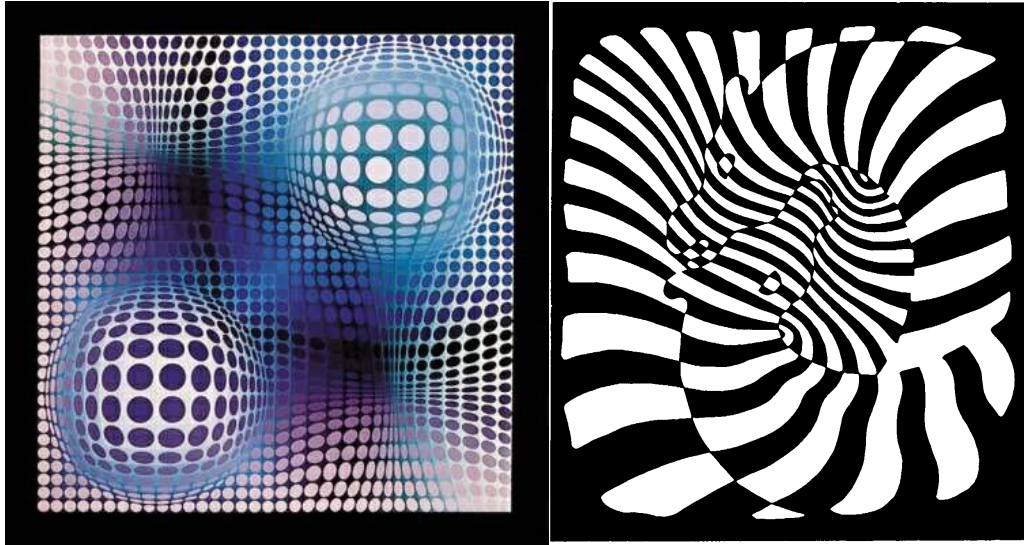


**István Lénárt**

Inventor of the Lénárt Sphere geometry construction

Eötvös Loránd University

Budapest, Hungary



**Vasarely's Work– Invitation to Mathematical and Combinatorial Visual Game**

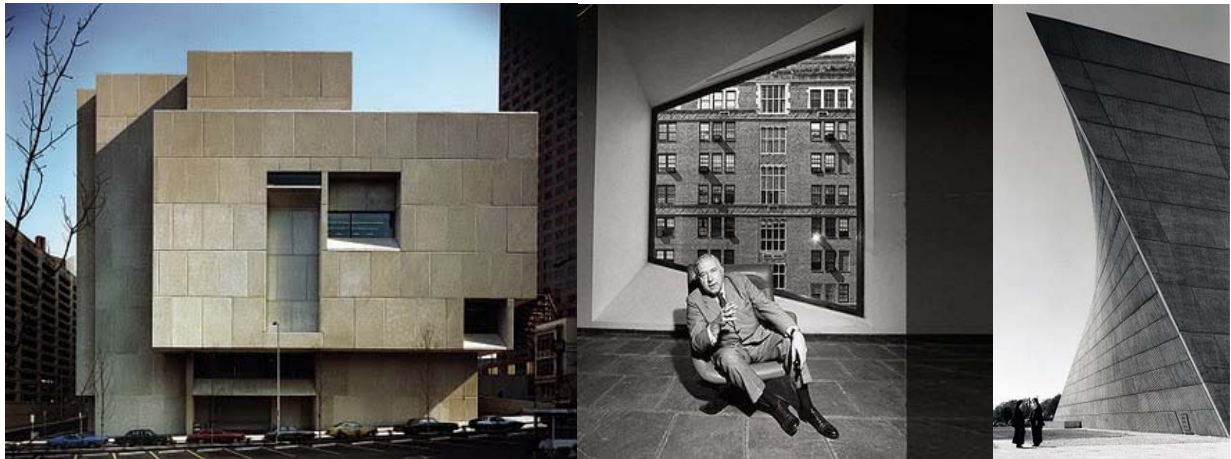
**Slavik Jablan**

Advisory Board of ISIS-Symmetry

Professor of Geometry at the University of Nish

Mathematical Institute

Belgrade, Yugoslavia



**Early Modern Art Layouts in Breuer's Design**

**Devrim Isikkaya**

Faculty of Architecture and Design

Bahçeşehir University

Istanbul, Turkey



**Antal Kelle**  
Artformer  
Designer and Mechanical Engineer  
Budaörs, Hungary



**István Orosz**  
Hungarian painter, printmaker, graphic designer and animated film director, is known for his mathematically inspired works, impossible objects, optical illusions, double-meaning images and anamorphoses. The geometric art of István Orosz, with surprising perspectives and optical illusions, has been compared to works by M. C. Escher.

# The Music Night Speaker and Composer

**Dmitri Tymoczko**  
**Music Department**  
**Princeton University, USA**



**Dmitri Tymoczko (Princeton University)** Composer and Music Theorist. His article "The Geometry of Musical Chords" was the first music theory article ever published by *Science*. Recipient of Guggenheim Fellowship, Charles Ives Scholarship, Hugh F. MacColl Prize from Harvard University, and the Eisner & Delorenzo Prize from the UC, Berkeley.

## Other Plenary Speakers

### Julian Voss-Andreae



Julian Voss-Andreae is a German-born sculptor based in Portland (Oregon). Starting out as a painter he later changed course and studied physics at the universities of Berlin, Edinburgh and Vienna. Voss-Andreae pursued his graduate research in quantum physics, participating in a seminal experiment demonstrating quantum behavior for the largest objects thus far. He moved to the U.S. in 2000 with his passion for art rekindled and graduated from Art College in 2004. Voss-Andreae's work has quickly gained critical attention. His sculpture is heavily influenced by his background in science, capturing the attention of multiple institutions and collectors in the U.S and abroad, including recent commissions for a large-scale outdoor piece for the Scripps Research Institute in Florida and a sculpture for Nobel laureate Roderick MacKinnon at Rockefeller University in New York City. Voss-Andreae's work has been featured in several publications, including *Nature* and *Science*, the two world's leading science journals.

**Angela Vierling-Claassen**  
Division of Natural Sciences and Mathematics  
Lesley University  
Cambridge, Massachusetts



Angela Vierling-Claassen is an assistant professor of Mathematics at Lesley University. Her research interests include applying game theory to family dynamics and understanding how adults use math in the "real world."

Angela Vierling-Claassen will talk about the models of surfaces and Abstract Art in the early 20th century

## **Penousal Machado**

The Scientific Co-Organizer of the 2011 Bridges Coimbra  
CISUC, Department of Informatics Engineering  
University of Coimbra  
Coimbra, Portugal



Penousal Machado, in his presentation “**Expressions, Assemblages and Grammars**” makes an overview of some of the Evolutionary Art projects he has been involved during the past thirteen years.