

## Artworks

- Salman Alhajri. *Arabic Calligraphy*. Printed piece.
- Martin John Callanan. *A Planetary Order*. 3D sculpture.
- Martin Constable, Adele Tan, Guo Liang Tan, Charles Lim, and Ying Hr. *The Heavens Belong to Everyone but the View Above is Ours Alone*. Multi-monitor installation.
- Nefeli Dimitriadi and Stavroula Zoi. The “In-Between” virtual neighborhood and the “Cellutopia” engine.
- Anne-Sarah Le Meur. *Eye-Ocean*.
- Mehrdad Garousi. *Einstein's Mandala*.
- Nurit Bar-Shai. *FUJI Spaces and other places*.

## Posters

- Zuzana Haladova. *Segmentation and Classification of Fine Art Paintings*.
- Gergely Klár and Gábor Valasek. *A Design Element Creator for Smoothly Curving Patterns*.
- Tobias Isenberg. *Computational Aesthetics for Geographic Maps*.
- Eliška Pätoprstá, Elena Šikudová, and Andrej Ferko. *Level-of-detail Stories for Virtual Museum*.
- Niall Redmond, Andrew Corcoran, and John Dingliana. *Evaluating Stylistic Enhancement of Two-Level Volume Renderings*.
- Christian Richardt, Jan Eric Kyprianidis, and Neil A. Dodgson. *Stereo Coherence in Watercolour Rendering*.
- Katarína Smoleňová, Andrej Ferko, and Reinhard Hemmerling. *Towards Automatic Illustration of Text Files*.



Eurographics & the Computer Arts Society  
present

# Computational Aesthetics 2010

The Sixth International Symposium on Computational  
Aesthetics in Graphics, Visualization & Imaging

**14–15 June 2010**



The British Computer Society  
Southampton Street, London  
[www.computational-aesthetics.org/2010](http://www.computational-aesthetics.org/2010)

## Monday, 14<sup>th</sup> June 2010

09:20	Welcome	
09:30	Keynote	<b>Computer Art and Emotions</b> Maggie Boden, Research Professor of Cognitive Science, University of Sussex
10:30	Coffee	
11:00	Session 1 Weird Images	<b>Realtime Aesthetic Image Retargeting</b> , Ligang Liu and Jin Yong
11:25		<b>The “In-Between” virtual neighborhood and the “Cellutopia” engine</b> , Nefeli Dimitriadi and Stavroula Zoi
11:50		<b>Pannini: A New Projection for Rendering Wide Angle Perspective Images</b> , Daniel German, Thomas Sharpless and Bruno Postle
12:15		<b>A robust and universal gradient domain imaging solver using gradient variables and locally varying metrics</b> , Ramon Hegedus and Laszlo Neumann
12:40	Lunch	
13:40	Session 2 Suggestive Lines	<b>Suggestive Hatching</b> , Mayank Singh and Scott Schaefer
14:05		<b>Two Computers at Leisure Playing Chess in a Park</b> , Timothy Devine (TBC)
14:30		<b>Recursive scene graphs</b> , Neil Dodgson and Brian Wyvill
14:55		<b>Line Drawings vs. Curvature Shading: Scientific Illustration of Range Scanned Artefacts</b> , Christian Hörr, Guido Brunnett and Christian Vix
15:20		<b>Interactive volume illustration using intensity filtering</b> , Marc Ruiz, Imma Boada, Miquel Feixas and Mateu Sbert
15:45	Coffee	
16:15	Art Installation Exploration	
17:15	Posters, art & drinks	
19:00	Dinner	

## Tuesday, 15<sup>th</sup> June 2010

09:00		<b>Arabic Calligraph</b> , Salman Alhajri
09:25	Session 3 Magic Brushes	<b>Brush stroke ordering techniques for painterly rendering</b> , Lesley Northam, Joe Istead and Craig S. Kaplan
09:50		<b>Stroke Matching for Paint Dances</b> , Simon Colton.
10:15	Coffee	
10:40	Session 4 Freaky Geometry	<b>Subdivision Beyond Smoothness</b> , Michael Hansmeyer
11:05		<b>A Planetary Order (Terrestrial Cloud Globe)</b> , Martin John Callanan
11:30		<b>Procedural generation of surface detail for science fiction spaceships</b> , Kate Kinnear, Craig S. Kaplan
11:55		<b>Discretization of 3D models using voxel elements of different shapes</b> , Davide Cavagnino and Marco Gribaudo
12:20	Lunch	
13:20	Invited Talk	<b>Goose pimples are for humans, what's for robots?</b> George Mallen, Co-Founder of the Computer Arts Society
14:00	Session 5 Mental to Metal	<b>Bridging the Imaginal Gap: From Mental Image to Computer Model</b> , Nick Lambert
14:25		<b>Toward Auvers Period: Evolution of van Gogh's Style</b> , Jaume Rigau, Miquel Feixas, Mateu Sbert and Christian Wallraven
14:50	Coffee	
15:15	Session 6 Crossover	<b>The Needle Factory</b> , Jeremy Radvan
15:40		<b>Learning about Shadows from Artists</b> , Elodie Fourquet.
16:05		<b>From Communication Game to Cities Tango</b> , Ernest Edmonds and Francesca Franco