

ScArt4 Program of Contributed Talks

June 10 at 4:15 – 6:00 pm Contributed Papers 1

1. *Kaprov, S.* The intersection of science and art in the public realm
2. *Polli, A.* Heat and the heartbeat of the city: the sound of climate change
3. *Krsko, P. & Libera, MR.* Electron-beam patterning of bioactive surfaces
4. *Robinson, C.* The continuing role of images in the development of nanoscience/technology
5. *Settles, G.S.* The art of light, shadow, and color in the Schlieren imaging
6. *Bridgell, D.* Field structures: Three dimensional nucleated wave structures
7. *Falchuk, B. & Purcell, D.* Form and function: A tool for nonlinear content-based analysis of audio and video

June 11 at 1:00-1:45 pm Contributed Papers 2

1. *Ast, O.* In search of absent time
2. *Simonton, T.* Staring at the sea: Painting primordial nostalgia
3. *Gyr, A. & Hoyer, K.* Dunes and barchans

June 12 at 2:15 – 3:15 pm Contributed Papers 3

1. *Oscherwitz, S.J.* Art technoscience engages cancer research
2. *Takei, M.* Visualization of solid air plug flow in a horizontal pipe using capacitance tomography and wavelet analysis
3. *Zhu, L.* Simulation of an elastic filament falling in a 2D viscous flow
4. *Fujisawa, N.* Visualization of Turbulent Plume Structure By Laser-Induced Fluorescence