

RESUME "M. Sami Arpa"

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Education

2013 – current PhD candidate, EDIC, Ecole Polytechnique Fédérale de Lausanne
2010 – 2012 MS, Computer Engineering, Bilkent University (full scholarship)
2005 – 2010 BS, Computer Engineering, Bilkent University (full scholarship)
2001 – 2005 Malatya Science High School

Research Interests and Skills

- Visual perception and computer graphics
- Non-photorealistic rendering
- Computational aesthetics

Languages: Turkish (native), English (advanced), French (basic)

Skills: C/C++ (advanced), Java (advanced), Matlab (advanced), OpenGL (advanced), GLSL, OpenCV, PHP, MySQL, Maya, 3DsMax, After Effects, Premiere, Photoshop, InDesign, Illustrator

Publications

- S. Arpa, S. Süsstrunk, and R. D. Hersch. *High reliefs from 3D scenes*, Computer Graphics Forum, vol. 34, num. 2 (Proceedings Eurographics, Zurich, Switzerland), 2015.
 - S. Arpa, T. Ritschel, K. Myszkowski, T. Capin, and H.P. Seidel. *Purkinje Images: Conveying different content for different luminance Adaptations in a single image*, Computer Graphics Forum, vol. 34, num. 1, 2014.
 - A. Bulbul, S. Arpa, and T. Capin. *A clustering-based method to estimate saliency in 3D animated meshes*. Computers & Graphics, vol. 43, num. 1, 11-20, 2014.
 - S. Arpa, A. Bulbul, T. Capin, B. Ozguc. *Perceptual 3D rendering based on principles of analytical cubism*, Computers & Graphics, vol. 36, num. 8, 991-1004, 2012.
 - S. Arpa, A. Bulbul, and T. Capin. *A decision theoretic approach to motion saliency in computer animations*, Springer Lecture Notes in Computer Science Book Series, Special Issue of Motion in Games Conference, 2011.
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Research and Work Experience

Sep. 2013 – current	Research assistant – Representations of the scenes in limited spaces. Supervisors: Prof. Roger D. Hersch and Prof. Sabine Süsstrunk (EPFL, Lausanne).
Jun. 2012 – Aug. 2013	Cofounder and executive director of the startup 3dios. A research company working on 3D stereo moviemaking (Ankara).
Feb. 2013 – Aug. 2013	Research assistant – Perceptually driven computer graphics. Supervisor: Prof. Tolga Capin. Granted by TUBITAK (Bilkent University, Ankara).
Aug. 2012 – Feb. 2013	Research assistant – Visual perception and artistic rendering. Supervisors: Dr. Karol Myszkowski and Dr. Tobias Ritschel (Max Planck Informatik, Saarbrücken).
Jan. 2011 – Aug. 2012	Research Assistant – Computer graphics based on visual perception. Supervisor: Prof. Tolga Capin, granted by TUBITAK (Bilkent University, Ankara).
Jan. 2011 – Aug. 2012	Teaching Assistant - Principles of user interfaces and design. Supervisor: Prof. Tolga Capin (Bilkent University, Ankara).
June 2010 – January 2011	Research assistant – 3D phone project. Supervisor: Prof. Tolga Capin. Granted by EU, http://the3dphone.eu/ (Bilkent University, Ankara).
January 2010 – June 2010	Translator – Visual Studio 2010 Translation Wiki Project (Microsoft Corporation Redmond, Washington – Bilkent University, Ankara).

Honors and Certificates

- Microsoft Visual Studio 2010 Certificate of Recognition, 24th May 2010
- Bilkent University Graduation with Honor Degree, June 2010
- Bilkent University Full Scholarship Award upon the success in entrance exam (Bachelor Degree), August 2005
- 480th place in national university entrance exam, August 2005

Other Interests

Cognitive Science, Typography, Art and Culture, Film and Visual Studies, Charcoal Painting
