

Curriculum Vitae dr Selma Rizvic

Nationality: Bosnian

Home Language: Bosnian

Languages: English (speak, read write); German, Italian (basic understanding)

Present appointments:

Assistant Professor, Faculty of Electrical Engineering, University of Sarajevo, Bosnia and Herzegovina

Assistant Professor, Sarajevo School of Science and Technology, Sarajevo, Bosnia and Herzegovina

Head of Graphics Design Department, Public Broadcasting Service B&H

Qualifications: PhD, 2007, University of Sarajevo

MSc, 2002, University of Sarajevo

BScEE, 1990, Faculty of Electrical Engineering Sarajevo

Research: Computer Graphics, Computer Animation, Broadcast Graphics, Virtual Heritage

Selected publications:

Books:

S. Rizvic, E. Kunovac – Računarska grafika, Ministarstvo za obrazovanje, nauku, kulturu i sport Federacije BiH, Sarajevo, 1998.

S. Rizvic, Kompjuterska grafika i multimedia, Grafo Art Sarajevo, 2004.

Conference Papers:

- Aida Sadžak, Selma Rizvić, Alan Chalmers, The Influence of Storytelling Quality on the Human Perception of Computer Animation, VAST 2007, Brighton, UK
- Selma Rizvic, Aida Sadzak, Emir Buza, Alan Chalmers - Virtual reconstruction and digitalization of cultural heritage sites in Bosnia and Herzegovina, Cetinje, SEEDI 2007
- A. Sadzak, S. Rizvic, C. Dalton, A. Chalmers – Information Perception in Virtual Heritage Storytelling Using Animated and Real Avatars, SCCG 07
- S. Rizvic, A. Sadzak, Z. Avdagic, A. Chalmers – Visual Perception of Facial Animation, SCCG 06
- S. Rizvic, A. Sadzak, Z. Avdagic, A. Chalmers, Maya Sun Simulation of Bosnian Gravestone Virtual Model, EuroGraphics Italian Chapter, Catania 2006.
- S. Rizvic, S. Jeginovic, S. Konjicija, Z. Avdagic - Static Linking of Phonemes to Polygonal 3D Model's Facial Expressions, SCCG 2005
- S. Rizvic, Z. Avdagic – Phoneme Reduction in Automated Speech for Computer Animation, SCCG 04
- M. Kantardzic, V. Okanovic, S. Rizvic, A. Filipovic, H. Glavic: Temporal and Spatial Data and Default Assumptions in Dipsy-E Systems. AI*IA 1991: 410-414

Projects:

Virtual City of Sarajevo

<http://www.virtualnosarajevo.com.ba/>

Virtual 3D reconstruction of Cultural Heritage Sites in Bosnia and Herzegovina - UNESCO participation project

<http://projects.etf.unsa.ba/~unesco>

Virtual BH Museum

<http://projects.etf.unsa.ba/~vmuzej>

Fully Refereed Animations

Chalmers A.G. Rizvic S., Gutierrez D. Sundstedt V. *Dust and Light: Reconstructing Ancient Egypt*. Eurographics Animation Festival, September 2006.

Rizvic S. Sadzak. A – *Sun Simulation of Bosnian Gravestone Virtual Model* – Computer Animation Contest winner, SCCG 06

Conference Organisation

Local Organizing Chair - 19th Eurographics Symposium on Rendering, Sarajevo 2008.

Local Organizing Chair - Graphics Hardware Workshop, Sarajevo 2008.

Organizing Committee Member - First International Symposium on Digitalization of Cultural Heritage of Bosnia and Herzegovina, Sarajevo 2008.

International Programme Committee Member and Reviewer - Central European Seminar on Computer Graphics - CESC
Reviewing Board Member – Graphite 2006: 4th International Conference on Computer Graphics and Interactive Techniques in Australasia and South East Asia, Kuala Lumpur, December 2006.

Posters Reviewing Board Member - SIGGRAPH 2006

Organizing Committee Member – BIHTEL06, Sarajevo

Organizing Committee Member – ICAT05, Sarajevo

Organizing Committee Member – BIHTEL04, Sarajevo

Organizing Committee Member – IKT03, Sarajevo

Theses:

MSc: Computer Graphics in Broadcast Design

PhD - "Automatic Speech Animation of a 3D Polygonal Model with Preprocessing using Artificial Neural Networks"

More info at: <http://people.etf.unsa.ba/~srizvic>