



Vol 31 No 2 (October 2023): Acta graphica

Publisher:

Acta graphica d.o.o., Zagreb, Croatia
University of Zagreb Faculty of Graphic Arts, Zagreb, Croatia

Editor:

prof. Ph.D. Ivana Bolanča Mirković¹

Technical editor:

assoc. prof. Ph.D. Miroslav Mikota¹

Co-Editors:

assoc. prof. Ph.D. Tomislav Cigula¹, assoc. prof. Ph.D. Rahela Kulčar¹, asst. prof. Ph.D. Marina Vukoje¹

Committee:

emer. Prof. dr. sc. Stanislav Bolanča¹, prof. Ph.D. Maja Brozović¹, Ph.D. Lionel Chagas², prof. Ph.D. Edit Csanák³, prof. Ph.D. Martinia Ira Glogar⁴, prof. Ph.D. Mirna Habuda-Stanić⁵, assoc. prof. Ph.D. Hajdek Krunoslav⁶, prof. Ph.D. Lidija Jakobek Barron⁵, prof. Ph.D. Kašiković Nemanja⁷, prof. Ph.D. Željko Knez⁸, prof. Ph.D. Marin Miković⁶, prof. Ph.D. Klementina Možina⁹, prof. Ph.D. Nikola Mrvac¹, prof. Ph.D. Arif Ozcan¹⁰, prof. Ph.D. Klaudio Pap¹, asst. prof. Ph.D. Irma Puškarević¹¹, Col Comdt Prof. Dr Anayath Rajendrakumar¹², prof. Ph.D. Milena Reháková¹³, prof. Ph.D. Raša Urbas⁹, prof. Ph.D. Damir Vusić⁶, prof. Ph.D. Zuzanna Žołek-Tryznowska¹⁴, prof. Ph.D. Igor Zjakić¹, prof. Ph.D. Ivana Žiljak-Stanimirević¹, emer. prof. Ph.D. Vilko Žiljak¹

Affiliation:

University of Zagreb, Faculty of Graphic Arts (HR)¹, Grenoble Institute of Technology, (FR)², Obuda University, Rejtő Sándor Faculty of Light Industry and Environmental Engineering (HU)³, University of Zagreb, Faculty of Textile Technology TTf (HR)⁴, University of Osijek, Faculty of Food and Technology (HR)⁵, University North (HR)⁶, University of Novi Sad, Faculty of Technical Sciences, Department of Graphic Engineering and Design, (RS)⁷, University of Maribor, Faculty of Chemistry and Chemical Engineering (SI)⁸, University of Ljubljana, Faculty of Natural Sciences and Engineering (SI)⁹, University of Marmara, Faculty of Applied Science (TR)¹⁰, Wichita State University (US)¹¹, Deenabandhu Chhotu Ram University of Science & Technology (IN)¹², Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology (SK)¹³, Politechnika Warszawska, (PL)¹⁴

Edition: 30

Contents

Original scientific paper

Rendering process and methods for creating stylized and photorealistic computer-generated 3D characters for video games development with their comparison	45
Andrej Jandrić, Tibor Skala, Marko Maričević, Lara Horvat	
Identification of Polymer of Counterfeit Documents	57
Galeković Jasna, Marinović Veronika, Ledić Andrea	
Research Avenues on use of Augmented Reality in Education	63
Laxmi Sapkal, Syed Aleem	
Latest trends in signatures and signature fraud detection	75
Andrea Ledić	