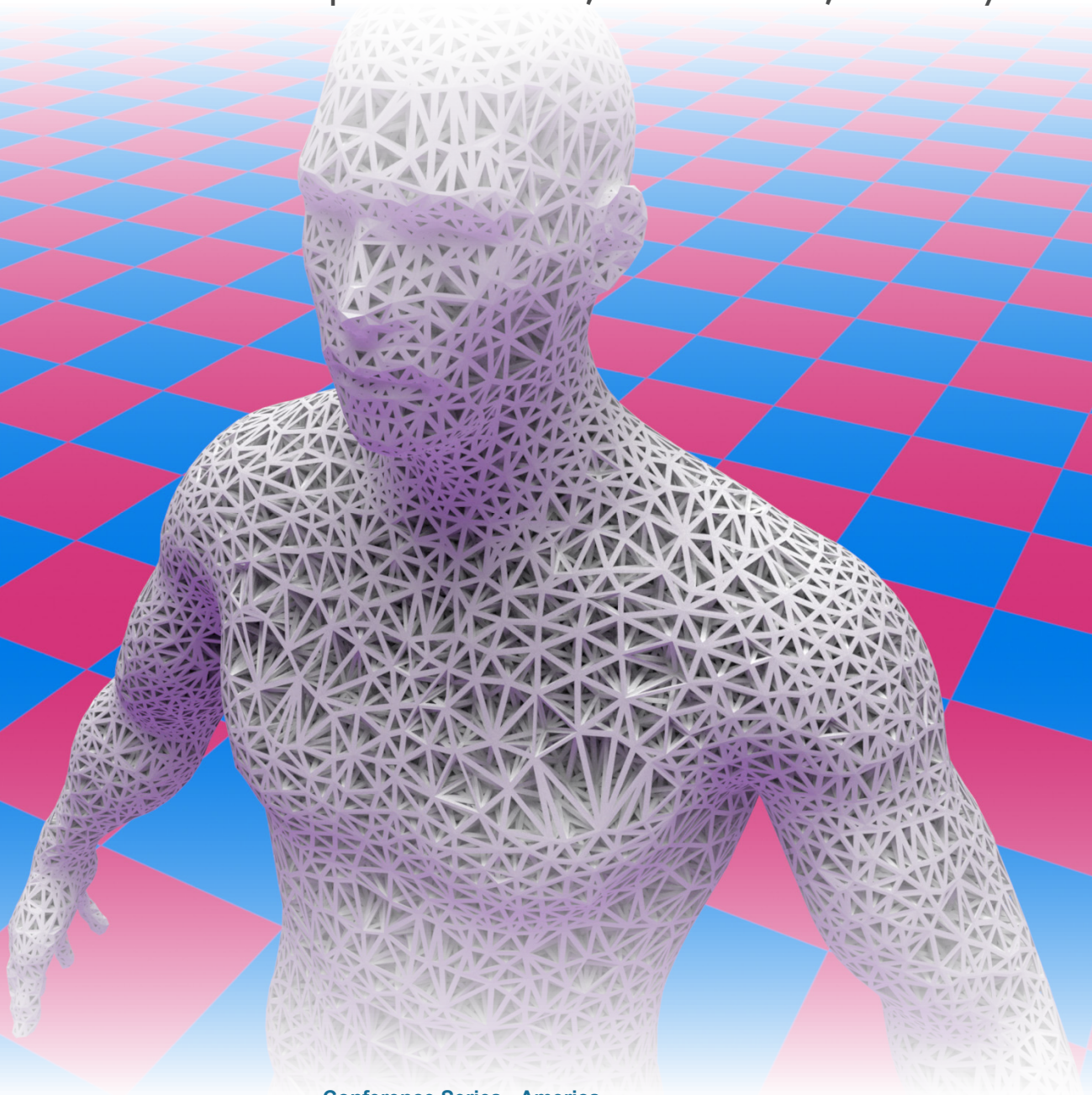


4th International Conference and Expo on

COMPUTER GRAPHICS & ANIMATION

September 25-26, 2017 Berlin, Germany



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

08:30-09:30 Registrations

v. Hardenberg

conference**series**.com

09:30-09:50

Opening Ceremony

Keynote Forum

9:50-10:00 **Introduction**

10:00-10:35 **Title: Visual analysis of spatio-temporal simulation ensembles**
Lars Linsen, Westfälische Wilhelms-Universität Münster, Germany

Networking & Refreshment Break 10:35-10:50 @ Foyer

10:50 -11:25 **Title: The future of media**
Susan Johnston, New Media Film Festival, USA

11:25 -12:00 **Title: Perceptually-driven inputs for new display devices**
Piotr Didyk, Saarland University, Germany

Group Photo 12:00-12:10

Sessions: Computer Graphics | Computer Animation | Animation Industry | Modeling | Simulation | Game Design & Development | Gamification and Social Game Mechanics

Session Chair: Boaventura I A G, Sao Paulo State University, Brazil

Session Introduction

12:10-12:35 **Title: Adding semantic information to geometric models**
Juan Carlos Torres, Granada University, Spain

12:35-13:00 **Title: Face recognition based on multi-scale local mapped pattern**
Boaventura I A G, Sao Paulo State University, Brazil

Lunch Break 13:00-13:45 @ Restaurant Theodor's

13:45-14:10 **Title: 3D rendered images and their application in the interior design**
Petyo Budakov, New Bulgarian University, Bulgaria

14:10-14:35 **Title: Real-time gymnast detection and performance analysis with a portable 3D camera**
William Hoff, Colorado School of Mines, USA

14:35-15:00 **Title: Simplify anatomy for character modeling**
Jingtian Li, University of the Incarnate Word, USA

15:00-15:25 **Title: Production planning workshop for 3D animation**
Matthew Tovar, University of the Incarnate Word, USA

Networking & Refreshment Break 15:25-15:40 @ Foyer

15:40-16:05 **Title: Bringing handcrafted elements into computer animated movies**
Kariem Saleh, Rise Visual Effects, Germany

16:05-16:30 **Title: The sound of geothermal: Animation and board game design**
Chieh-Ju Huang, Chienkuo Technology University, Taiwan

Panel Discussion

Day 2 September 26, 2017

v. Hardenberg

Keynote Forum

Introduction

10:00-10:35

Title: 3D Shape matching for object modelling

Yonghuai Liu, Aberystwyth University, UK

Sessions: **Computer Vision & Pattern Recognition | Imaging and Image Processing | Visualization**

Session Chair: Yonghuai Liu, Aberystwyth University, UK

Session Introduction

10:35-11:00

Title: Cyber performance, new experiences on technical and artistic collaboration across internet

Jiri Navrátil, CESNET,3 Czech Republic

Networking & Refreshment Break 11:00-11:15 @ Foyer

11:15-11:40

Title: 2-Simplex prism as a cognitive graphic tool for decision-making and its justification in intelligent dynamic and geoinformation systems

Anna Yankovskaya, Tomsk State University of Architecture and Building, Russia

11:40-12:05

Title: Design thinking for developing a case-based reasoning emotional robot

Sheng-Ming Wang, National Taipei University of Technology, Taiwan

12:05-12:30

Title: The theory of information images: An approach to modeling the cognitive activity of the human brain

Alexandr Y Petukhov, Lobachevsky Nizhny Novgorod State University, Russia

12:30-12:55

Title: Green energy animation and hologram projection: Methane ice formation and mining techniques learning system

Chieh-Ju Huang, Chienkuo Technology University, Taiwan

Lunch Break 12:55-13:40 @ Restaurant Theodor's

13:40-14:05

Title: Heterogeneous multi-processor system for image processing acceleration

M Ali Mirzaei, CERN, Switzerland

Video Session

14:05-14:30

Title: Kathakali and motion capture: an experimental dialogue between indian classical dance and technology

Biju Dhanapalan, Nanyang Technological University, Singapore

14:30-14:55

Title: On geometry and equilibrium of forces in 3D

Masud Akbarzadeh, University of Pennsylvania, USA

14:55-15:20

Title: The art of encephalography and cinematic spatio-temporal pattern visualization to gain insight into brain dynamics associated with different cognitive states

J J Joshua Davis, The Embassy of Peace, New Zealand

15:20-15:40

Title: Universal design-design for all

Tatjana Burzanović, University of Donja Gorica, Montenegro

15:40-16:00

Title: Investigation on the internet of things

Jin Wang, Beijing University of Technology, China

Networking & Refreshment Break 16:00-16:15 @ Foyer

Poster Presentation 16:15-16:30

Award & Closing Ceremony