FAA

The 3rd International Symposium on Facial Analysis and Animation

21st of September, 2012
Vienna, Austria

08:30   **REGISTRATION OPENS**

09:15   **INTRODUCTION**

09:30   **KEYNOTE: PERFORMANCE-DRIVEN FACIAL ANIMATION**
Mark Pauly (École Polytechnique Fédérale de Lausanne (EPFL), Switzerland)

10:15   **High-performance face tracking**
Nenad Markuš, Miroslav Frljak, Igor Pandžic´ (FER), Jörgen Ahlberg, Robert Forchheimer (ISY)

10:40   **COFFEE BREAK**

11:05   **KEYNOTE: FACIAL ANIMATION FOR INTERACTIVE SERVICES**
Jörn Ostermann (Leibniz Universität Hannover, Laboratory for Information Technology)

11:50   **Using multimodal speech production data to evaluate articulatory animation for audiovisual speech synthesis**
Ingmar Steiner (University College Dublin, Trinity College Dublin), Korin Richmond (University of Edinburgh), Slim Ouni (Université de Lorraine, LORIA)

12:15   **High-fidelity facial performance capture with non-sequential temporal alignment**
Martin Klaudiny, Adrian Hilton (University of Surrey)

12:40   **LUNCH**

13:10   **POSTER SESSION**

→ **A simulation for the creation of soft-looking facial expressions**
Helmut Hlavacs, Leon Beutl (University of Vienna)

→ **Realistic eye model for Embodied Conversational Agents**
Guillaume Gibert (Inserm), Catherine J. Stevens (University of Western Sydney)

→ **Seeing Through the Face - A Morphological Approach in Physical Anthropology**
Tobias Paul, Fred Bookstein, Gerhard Weber (University of Vienna)

→ **Effects of Humanness of Virtual Agents on Impression Formation**
Eva Krumhuber, Arvid Kappas (Jacobs University Bremen), Marc Hall, John Hodgson (University of Sunderland)

→ **Talking heads on mobile devices**
Fabio Sorrentino, Riccardo Scateni (University of Cagliari)

→ **Perception of Animacy in Caucasian and Indian Faces**
Aleksandra Swiderska, Eva Krumhuber, Arvid Kappas (Jacobs University Bremen)

→ **The Dynamic Nature of Emotional Expressions – Different dynamics are rated differently**
Alexandra Muehlhauser, Karl Grammer, Elisabeth Oberzaucher (University of Vienna)

→ **ViSAC: Acoustic-Visual Speech Synthesis: The system and its evaluation**
Utpala Musti, Caroline Lavecchia, Vincent Colotte, Slim Ouni, Brigite Wrobel-Dautcourt, Marie-Odile Berger
(Université de Lorraine, LORIA)

→ **Developing design guidelines for characters from analyzing empirical studies on the uncanny valley**
Eduard Zell, Mario Botsch (Bielefeld University)

→ **Towards interactive conversational talking heads**
Paula D. Paro Costa (University of Campinas), José Mario De Martino (Center of Information Technology Renato Archer), Maria de Fátima de Gouveia (University of Campinas)

→ **Estimation of FAPs and intensities of AUs based on real-time face tracking**
Bingqing Qu, Sathish Pammi, Radoslaw Niewiadomski, Gérard Chollet (Télécom ParisTech)

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14:40   **KEYNOTE: PASSIVE SPATIO-TEMPORAL 3D GEOMETRY RECONSTRUCTION OF HUMAN FACES AT VERY HIGH FIDELITY**
Thabo Beeler (Disney Research Zurich)

15:25   **Vocal and Facial Trustworthiness of Talking Heads**
Andrew J. Aubrey (Cardiff University), Elena Tsankova, Eva G. Krumhuber, Guido Moellering, Arvid Kappas (Jacobs University Bremen), Antony S.R. Manstead, David Marshall, Paul L. Rosin (Cardiff University)

15:50   **COFFEE**

16:15   **Real-time Video-Based Character Animation**
Martin de La Gorce, Salil Deena, Mike Rogers, Kevin Walker (Image Metrics, Manchester, UK)

16:40   **Interactive, Musculoskeletal Model for Animating Virtual Faces**
Marco Fratarcangeli (Sapienza University of Rome)

17:05   **HapFACS 1.0: Software/API For Generating FACS-Based Facial Expressions**
Reza Amini, Ugan Yasavur, Christine Lisetti (Florida International University)

17:30   **CLOSING**

LIVE INDUSTRY DEMOS

Image Metrics: Computer-vision technology for performance-driven facial animation

Dimensional Imaging: High-resolution 4D facial capture system