

# Computer Graphics & Visual Computing (CGVC) 2016

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## Preface

This conference proceedings contains the programme of the Computer Graphics and Visual Computing 2016, the 34th Annual Conference organised by the UK Chapter of the Eurographics Association-EGUK. The conference takes place between 15-16 September 2016 at Bournemouth University, UK.

This year, the UK Chapter has maintained its focus towards being a forum for exchange between academic research groups and industry. In order to facilitate this dialogue, we continued to place considerable emphasis on the quality of the accepted contributions. The current conference programme reflects this shift in our motivations and objectives.

This year, we received considerably more full paper submissions and in total had 25 submissions, and we accepted 12 full papers and 7 extended abstracts, one of which was an Industrial Sketch. A record number of international programme committee members participated in the review of each submission. Every submission was seen by at least 3 referees, enabling the conference chairs to easily assess the quality of the submissions. The exciting conference programme covers a wide range of topics in Graphics, Visualization and Visual Analytics. Special thanks go to our dedicated programme committee members who provided constant support and excellent reviews.

We thank all authors for submitting their work. Special thanks go to the local organisers Professor Wen Tang, Dr Christos Gatzidis and Dr Feng Tian at Bournemouth University for their hard work in organizing and hosting the conference and the Eurographics team for their help with the reviewing and editorial process. And special thanks to Professor Jian J Zhang from Bournemouth University for giving the keynote talk for this year's conference.

CGVC 2016 Conference Chairs

Cagatay Turkay and Tao Wan

## Keynote

*Jian J. Zhang*

Bournemouth University

### **Biographical Sketch**

Jian J. Zhang is Professor of Computer Graphics at the National Centre for Computer Animation, Bournemouth University and leads the Computer Animation Research Centre. He has worked at various universities including Bristol University, University of Newcastle upon Tyne, Chongqing University, Queens University of Belfast and Brunel University.

As Principle Investigator, Prof Zhang has secured 7 million pound (GBP) research grants to the National Centre for Computer Animation from the EPSRC, AHRC, EU FP7 and EU H2020 as well as other funding organisations. His research focuses on a number of topics relating to 3D Computer Animation, including virtual human modelling and simulation, geometric modelling, motion synthesis, deformation and physics-based animation. He is also interested in virtual reality and medical visualisation and simulation. Prof Zhang has published over 200 peer reviewed journal and conference publications.

Prof Zhang has chaired over 30 international conferences and symposia, and serves on a number of editorial boards. Prof Zhang has given over 30 invited and keynote talks around the world. Prof Zhang is one of the two co-founders of the EPSRC-funded multi-million pound Centre for Digital Entertainment (CDE) with Prof Phil Willis at the University of Bath.

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