



# CVMP 2010

THE 7th EUROPEAN CONFERENCE  
ON VISUAL MEDIA PRODUCTION

## CALL FOR PAPERS

European Conference on Visual Media Production

17<sup>th</sup> - 18<sup>th</sup> November 2010

British Film Institute Southbank, London

<http://www.cvmp-conference.org>

CVMP 2010 is the 7<sup>th</sup> annual industry-academic conference series on media production for film, broadcast and games. Visual media production brings together expertise in video processing, computer vision, computer graphics, animation and physical simulation. CVMP provides a forum for presentation of the latest research advances combined with key-note and invited talks on state-of-the-art industry practice in content production and post-production. CVMP is rapidly building a reputation as a prime venue for researchers to meet with image practitioners in the film and television industry. In 2009 40% of the audience were from the film and television post-production industry including representation from high profile post-houses such as Weta Digital responsible for films such as The Lord of the Rings. Last year keynotes from Weta Digital New Zealand, MediaPro Barcelona among others maintained the level of industry interest.

High-quality papers are invited which present novel research related to any aspect of media production. Full length submitted papers will be subject to peer review and the conference organisers are again expecting to publish papers with well respected academic publishers. (In 2009 papers were published by the CPS). Selected papers will be invited to submit extended versions for a Journal special issue on Visual Media Production. Papers are invited in all areas of visual media production including:

Image and video based modelling	Motion Estimation	Visual effects
3D video capture	Segmentation and matting	Interactive media and games
Camera tracking	Stereo and 3D video processing	3D-TV
Multiple view reconstruction	Infilling, object removal and insertion	TV, film and e-cinema
Video-based human motion capture	Image and video synthesis	Content management systems
Video-based animation	Image annotation and classification	Real-time imaging systems
Scene modelling	Image enhancement and restoration	Post production using 3D and motion
High-dynamic range imaging	Stylisation and cartoon rendering	Multiple camera systems
Illumination and reflectance modelling	Novel imaging devices	Previsualisation
Photo-realistic rendering & animation	Omni-directional video	
Relighting images and video	3D and stereo production	

Submission of full technical papers of up to 10 pages are solicited. Accepted papers will be presented as either oral or posters and will appear in the conference proceedings. Further details of online submission and paper formats will be available from the CVMP website.

### **SUBMISSION DEADLINE FULL PAPER: 17th June 2010**

Notification of Full Paper Acceptance: 27th July 2010

Submission of Camera Ready: September 2010 tbc

Short one page papers presenting novel research in progress are also invited. Short papers will be considered for presentation as posters in a special session.

**SUBMISSION DEADLINE SHORT PAPER: October 2010 (To be confirmed)**

### **ORGANISING COMMITTEE**

**Conference Chair:** Dr.-Ing. Oliver Grau, BBC Research and Development, UK

**Conference Secretary:** Abi Bowman, The Foundry, UK

**Programme Chair:** Prof. Anil Kokaram, Trinity College Dublin

Dr. Graham Thomas, BBC R&D, UK

Prof. Adrian Hilton, University of Surrey, UK

Dr. Bill Collis, The Foundry, UK

Tom Evans, Wavecrest Systems Ltd., UK

Simon Robinson, The Foundry, UK

**Contacts:** For further information please contact the Conference Organisers:

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Web: [www.cvmp-conference.org](http://www.cvmp-conference.org)

<http://twitter.com/CVMP2010>