Electronic Visualisation in Arts and Culture

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Bowen, Jonathan P.; Keene, Suzanne; Ng, Kia (Eds.)
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- eBook
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  - usually dispatched within 3 to 5 business days

About this book

- Presents the latest science and technology research for arts and culture
- Includes a diverse range of theory, applications and uses – art, music, archaeology, historic landscape, motion capture, photography and more
- The authors are practising international experts from a wide range of backgrounds

Presenting the latest technological developments in arts and culture, this volume demonstrates the advantages of a union between art and science. Electronic Visualisation in Arts and Culture is presented in five parts:

1. Imaging and Culture
2. New Art Practice
3. Seeing Motion
4. Interaction and Interfaces
5. Visualising Heritage

Electronic Visualisation in Arts and Culture explores a variety of new theory and technologies, including devices and techniques for motion capture for music and performance, advanced photographic techniques, computer generated images derived from different sources, game engine software, airflow to capture the motions of bird flight and low-altitude imagery from airborne devices.

The international authors of this book are practising experts from universities, art practices and organisations, research centres and independent research. They describe electronic visualisation used for such diverse aspects of culture as airborne imagery, computer generated art based on the autoimmune system, motion capture for music and for sign language, the visualisation of time and the long term preservation of these materials. Selected from the EVA London conferences from 2009-2012, held in association with the Computer Arts Society of the British Computer Society, the authors have reviewed, extended and fully updated their work for this state-of-the-art volume.

Content Level » Research
Keywords » Arts - Cultural Heritage - Cultural Interaction and Interfaces - Electronic Visualisation - Imaging and Culture - Information Technology - Visualising Heritage

Related subjects » HCI - Image Processing - Information Systems and Applications - Social Sciences

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