



**The 7th International Conference on Computer Graphics, Virtual Reality,  
Visualisation and Interaction in Africa**



*Sponsored by ACM SIGGRAPH and in cooperation with EUROGRAPHICS.*

21-23 June 2010  
Franschhoek, South Africa.

Keynote speaker: Marc Alexa

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## Call for Participation

AFRIGRAPH 2010 (AG2010) is the 7th International Conference on Virtual Reality, Computer Graphics, Visualization and Interaction in Africa. AG2010 is organized by the African Graphics Association (AFRIGRAPH) and is sponsored by ACM SIGGRAPH and in cooperation with EUROGRAPHICS. The conference will be held on a wine estate near Franschhoek, a picturesque town in the Cape Winelands region of South Africa.

The keynote will be given by Marc Alexa. Marc is a Professor in the Faculty of Electrical Engineering and Computer Science at the Technical University of Berlin and heads the Computer Graphics group. He is widely published in the areas of shape representation and deformation, using point sampled geometry, implicit surfaces, explicit representations, and linear spaces of base shapes, as well as sketching interfaces.

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## Academic Papers

AG2010 welcomes contributions in the form of full papers or short papers. The conference particularly welcomes contributions that focus on Computer Graphics in the developing world; addressing the use of Computer Graphics in urban renewal, rural development, health, education, environment and the African arts and media.

However, contributions will be accepted from all areas related to virtual reality, computer graphics, visualization and interaction. Topics include (but are not limited to):

- Rendering
- Parallel algorithms for graphics
- Computer vision for graphics
- Computational Geometry
- Computer animation
- Virtual, Augmented and Mixed Reality and Presence
- Graphics in the Developing Country Context
- Education and Computer Graphics
- Interactive Application Development
- Visualization and Simulation
- Perceptually-based graphics techniques
- Image analysis and processing
- Multimedia
- Medical Imaging
- Computer Aided Design and Prototyping
- 3D Modelling
- Data Acquisition
- Human Computer Interaction
- Special and Visual Effects

## Submission Guidelines

Papers are to be submitted electronically via the Afrigraph web-site ([www.afrigraph.org/conference](http://www.afrigraph.org/conference)). All contributions must be written and presented in English. Papers will be reviewed by an International Programme Committee and the Conference proceedings will be published by ACM SIGGRAPH and also appear in the ACM Digital Library. The best two papers (as decided by the Programme Chairs in consultation with the Programme Committee) will be republished in the journal Computer Graphics Forum. There will also be an award for the best paper.

## Short Papers

Authors are invited to submit extended abstracts of no more than 5 A4 pages in length. These should represent late breaking results, work in progress or novel results that are more appropriate to a shorter format.

## Full Papers

Full papers should report research contributions, practice and experience, or novel applications. They must be no longer than 10 A4 pages in length.

## Tutorials

There is one day devoted to tutorials in the conference program. Tutorials must be in either a half-day or full-day format and the proposal should include details of the presenters, tutorial content, expected level of required delegate expertise and educational outcomes.

## Important dates

Paper and Tutorial submission deadline: **15 January 2010 (23h59 CET)**

Notification of acceptance: 10 March 2010

Final version due: 28 March 2010

## International Programme Committee

Programme committee chairs: Patrick Marais and Roberto Scopigno

- Shaun Bangay, Rhodes University
- Dirk Bartz, University of Leipzig
- Dominique Bechmann, Louis Pasteur University
- Charl Botha, TU Delft
- Kadi Bouatouch, IRISA
- Judy Brown, Brown Cunningham Associates
- Marcello Carrozzino, PERCRO
- Sabine Coquillart, INRIA
- Carsten Dachsbacher, University of Stuttgart
- Tom Ertl, University of Stuttgart
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- Patrick Marais, University of Cape Town
- Gary Marsden, University of Cape Town
- Majid Mirmehdi, Bristol University
- Marc Nienhaus, University of Potsdam
- Shaun Nirenstein, NVIDIA
- David Nunez, University of Cape Town
- Sumanta Pattanaik, University of Central Florida
- Pierre Poulin, University of Montreal
- Werner Purgathofer, TU Wien
- Mateu Sbert, University of Girona
- Jules Tapamo, University of KwaZulu-Natal
- Hannah Thinyane, Rhodes University
- Michael Wand, Max-Planck-Institut für Informatik
- Daniel Weiskopf, University of Stuttgart
- Michael Wimmer, TU Wien

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## Contact Details

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Roberto Scopigno ([strasser@gris.uni-tuebingen.de](mailto:strasser@gris.uni-tuebingen.de))

**URL:** [www.afrigraph.org/conference](http://www.afrigraph.org/conference)

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