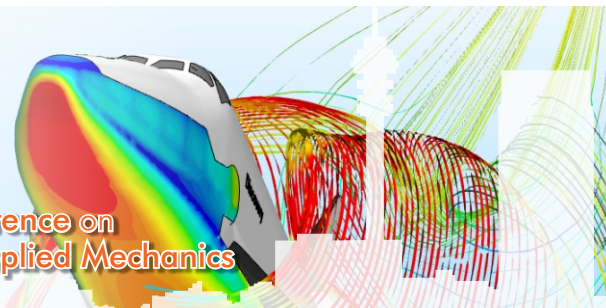


# SACAM

8<sup>th</sup> South African Conference on  
Computational and Applied Mechanics



3 - 5 September 2012

Organised and hosted by Mechanical Engineering Science of the University of Johannesburg, South Africa

## SACAM IN BRIEF

The South African Conference on Computational and Applied Mechanics (SACAM) is held every two years as a forum for presenting current developments of mechanics. This is the eighth in a series of very successful conferences that have been held in South Africa.

Past SACAM conferences have received the attention of both local and international participants and have served as platforms to share, engage and network on state of the art developments in applied mechanics. SACAM 2012 will build on that rich tradition, and welcomes participants from all parts of the globe. The main function of SACAM is to bring together engineers,

scientists and applied mathematicians from academia, research and industry to encourage scientific engagement and exchange of ideas in applied mechanics.

The participation of postgraduate students is most welcome and encouraged.

The 8<sup>th</sup> South African Conference on Computational and Applied Mechanics, SACAM 2012, will be hosted at the University of Johannesburg in Auckland Park, South Africa. Johannesburg is seen as the economic and cultural hub of Africa, a dynamic cosmopolitan city with great restaurants and interesting sites to visit.

## CALL FOR PAPERS

Prospective authors are invited to submit an Extended Abstracts by 02 March 2012.

Templates for Abstracts and full papers are available on [www.samechanics.co.za/uj](http://www.samechanics.co.za/uj).

## CONFERENCE TOPICS

- Computational Methods in Mechanics
- Mechanics of Vibrations
- Mechanics of Composites
- Mechanics of Materials
- Finite Element Modelling and Analysis
- Fluid Mechanics
- Computational Fluid Dynamics
- Fluid Structure Interactions
- Structural Mechanics
- Stochastic Mechanics
- Soil and Rock Mechanics
- Structural Dynamics
- Micro-scale Mechanics
- Nano-scale Mechanics
- Biomechanics
- Thermodynamics and Heat Transfer
- Aerodynamics

## REVIEW PROCESS

Papers published in the Conference Proceedings are selected through a double-blind peer review process, coordinated through the SACAM Scientific Committee. Details available on the website

### In summary

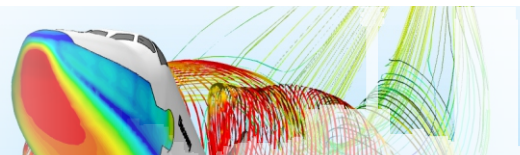
- Camera ready extended abstracts are submitted to the SACAM 2012 website using the template for blind review;
- Extended abstracts are electronically distributed to at least 2 anonymous reviewers by the Scientific Committee;
- Reviewer comments and recommendations are returned to the authors;
- Camera ready full papers are submitted to the SACAM 2012 website using the template for blind paper review;
- Papers are electronically distributed to at least 2 anonymous reviewers by the Scientific Committee;
- Reviewer comments and recommendations are returned to the authors; and
- Final camera ready full papers are to be submitted within 2 weeks of return for inclusion in the final proceedings document.



Under the auspices of the  
South African Association for  
Computational and Applied Mechanics (SAAM)

RETHINK EDUCATION.  
REINVENT YOURSELF.





### CALL FOR PAPERS *continued...*

Submissions that do not conform to the style guidelines will not be reviewed, but will be returned to the submitting author. No late submissions will be accepted. At least one of the authors of papers accepted for the conference is required to attend and present at the conference.

A book of extended Abstracts will be made available to delegates at conference registration. Peer reviewed papers will be published in the conference proceedings and distributed after the conference. Full information will be available on the conference website.

### IMPORTANT DATES

02 March '12	Extended Abstracts due
03 April '12	Full Papers due
31 May '12	Early bird registration closes
15 June '12	Deadline for submission of final papers
03-05 September '12	Conference

### CONFERENCE LANGUAGE

English is the official language of the symposium.

### REGISTRATION FEES

	Before 31 May 2012	After 31 May 2012
Conference Delegates	R2, 800	R3, 600
Registered Students	R1, 500	R1, 900

### SOCIAL PROGRAMME

A social programme will be organised for delegates. This will include a reception and a banquet.

### ACCOMMODATION

Block reservations at preferential rates will be arranged by the organisers.

Details and information will be made available on the SAAM website via the Accommodation link.

For further information, please refer to:  
[www.samechanics.co.za/uj](http://www.samechanics.co.za/uj)