

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

Sun City, South Africa



5th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT2007)

1 – 4 July 2007

Detailed information is available on the following website: <http://www.africaspecials.com/hefat2007/>

ABSTRACTS

Deadline: 28 January 2007. E-mail abstracts to jmeyer@up.ac.za

FINAL PAPERS

Deadline: 30 March 2007 (with registration fee)

Full versions of papers accepted for presentation at the conference are due by the above deadline according to the prescribed guidelines given on the website. The papers will be peer-reviewed by an international panel of experts. If necessary, improvements to the paper content and format could be required before final acceptance. Accepted papers will be published in the conference proceedings.

OBJECTIVES

The objective of this conference is to bring together researchers engaged in the application of experimental, analytical or computational heat and mass transfer, fluid flow, and thermophysical properties.

PREVIOUS CONFERENCES

1st International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT 2002), Kruger National Park, South Africa: **200 papers.**

2nd International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT 2003), Victoria Falls, Zambia: **250 papers.**

3rd International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT 2004), Cape Town, South Africa: **200 papers.**

4th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT 2005), Cairo, Egypt: **450 papers.**

INVITATION

Technical papers are invited on topics from any area on experimental and/or computational heat and mass transfer, thermodynamics and fluid flow. Authors are invited to submit, for review, abstracts of approximately 500 words to the address below (preferably by e-mail in Word or in PDF format), including name(s) of author(s), affiliations, e-mail addresses, and complete mailing address of each author. In the case of multiple authors,

clearly indicate the name of the co-author responsible for the correspondence. Authors will be informed of the results of the review process before 7 February 2007. Acceptance of abstracts does not guarantee inclusion in the programme and proceedings of the conference. All correspondence concerning Abstracts and Papers should be e-mailed to the e-mail address given below for academic matters. Final papers should be submitted before 30 March 2007, with the registration fee. No paper will be reviewed if the registration fee has not been paid. If a paper is rejected, the registration fee will be refunded within seven days.

SPECIALIZED SESSIONS

As part of the conference a few specialized sessions will be offered in CFD and experimental heat transfer as applied to nuclear reactors, condensation, evaporation, multiphase flow, heat exchangers, fluid flow, thermodynamics, and electronic cooling.

KEYNOTE LECTURES

A number of leading researchers will be invited to deliver keynote lectures.

PUBLICATIONS

Selected papers from the conference will be published in special issues of eminent journals.

CONFERENCE LANGUAGE

The conference language is English and all papers should be prepared in English. Translation services will not be provided.

WELCOME FUNCTION

1 July 2007 at 19h00

BANQUET

3 July 2007 at 19h00

REGISTRATION COST

Early bird registration (before 30 March 2007): R3830 (delegates), R2795 (students)

Late registration (after 30 March 2007): R4865 (delegates), R3830 (students)

PAYMENTS

All payments should be done on the conference website via credit card. No cash, cheques, money transfers, etc will be accepted.

ACCOMMODATION

See the conference website for more details.

CONFERENCE WEB SITE

The official conference website is: <http://www.africaspecials.com/hefat2007/>

CONTACT DETAILS

Registration, travel, accommodation, tours, visas (non-academic matters): Michelle
Michelle@walthers.co.za

Academic matters (abstracts and papers): Prof JP Meyer, e-mail: jmeyer@up.ac.za or faxed to 27 866844834.