

**International Conference on  
Modelling, Monitoring and Management of  
FOREST FIRES 2008**

**17-19 September 2008, Toledo, Spain**

**Organised by the Wessex Institute of Technology and  
University of Castilla – La Mancha**

**INTRODUCTION**

Forest Fires are very complex phenomena which, under the right physical conditions, can rapidly devastate large areas, as demonstrated by recent events. There is also widespread awareness that the risk may increase as a result of climate changes.

Different approaches are required for controlling fires in rural areas as opposed to urban environments, and strongly depends on the physical characteristics of the surrounding region. It also depends on weather conditions, regional activities, forest type, as well as social and economic factors.

Forest fires analysis and mitigation requires the development of computer codes that can take into consideration a large number of different parameters. This conference will focus on the latest research and applications of computational tools that are available to analyse and predict the spread of forest fires in an attempt to prevent or reduce major loss of life and property as well as damage to the environment.

At present there is insufficient knowledge of the behaviour of fires and how they propagate. This lack of appropriate studies makes these phenomena very difficult to control and is one of the most important

obstacles to the reliable production, optimisation and development of an appropriate decision support system.

Public concern in this topic is increasing as uncontrolled fires may lead to major ecological disasters, and usually result in negative economic and health implications for the region.

This Conference aims to address all aspects of forest fires, from fire propagation in different scenarios to the optimum strategies for fire-fighting. It will also cover issues related to economic, ecological, social and health effects.

**CONFERENCE CHAIRMEN**

**J de las Heras**, *University of Castilla-La Mancha, Spain*

**C A Brebbia**, *Wessex Institute of Technology, UK*

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# ENQUIRY FORM Forest Fires 2008

## Modelling, Monitoring and Management of Forest Fires

17-19 September 2008, Toledo, Spain



### CALL FOR PAPERS

Papers are invited on the topics outlined and others falling within the scope of the meeting. Abstracts of no more than 300 words should be submitted **as soon as possible**. We strongly encourage the submission of abstracts electronically. Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper, which if accepted for publication, must be presented at the conference. To be fair to all participants, each registered delegate will only be able to submit one paper. *The language of the conference will be English.*

### CONFERENCE TOPICS

- Computer models for fire propagation
- Risk and vulnerability assessment
- Fire combustion models
- Computational methods and experiments
- Case studies
- Emergency response systems
- Optimization models for fire mitigation
- Environmental impact models
- Air pollution and health risk
- Interaction between meteorological and forest fires models
- Economic impact models
- Forest material characterisation
- Eco remediation models
- Decision support systems
- Monitoring systems
- Data acquisition and analysis

#### Please indicate your intention below:

- I intend to submit a paper and present it.
- I intend to participate in the conference, but will not be submitting a paper.
- I intend to submit a Poster Presentation.

### ABSTRACT/PAPER SUBMISSION

#### Abstract (300 words):

Submit to the Conference Secretariat as indicated on the Enquiry Form.

#### Camera Ready Paper Submission:

*Date to be advised after submission of abstracts.*

### ABSTRACT SUBMISSION

#### Email Submission

**Email:** [rswinburn@wessex.ac.uk](mailto:rswinburn@wessex.ac.uk)

Please submit your abstract with Fires 2008 in the subject line. Include your name, full address and conference topics.

#### Web Submission

[www.wessex.ac.uk/conferences/2008/fires08](http://www.wessex.ac.uk/conferences/2008/fires08)

#### Fax Submission

**Fax: 44 (0) 238 029 2853**

Fax one copy of your abstract with this completed Enquiry Form.

#### Mail Submission

**Mail:** Rachel Swinburn, Conference Secretariat, Fires 2008, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK. Please mail a copy of your abstract with this completed Enquiry Form.

**Telephone: 44 (0) 238 029 3223**

*Wherever possible information about this conference will be sent to you by email.*

Title (Prof/Dr/Mr/Mrs/Ms) .....

Initials ..... Surname .....

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*By completing this form, we understand that you are agreeable to receiving further information on this event and other activities which we believe will interest you. We will not disclose this information to third parties.*