WESSEX INSTITUTE — 2015 Conferences

The excellent reputation of the WIT Conference Programme in different parts of the world continues to grow and serves as an ideal medium to achieve the Wessex Institute’s International knowledge transfer objectives. The Institute is committed to acting as a link between professional and academic bodies and encouraging trans-disciplinary research. Following below you will find a list of the forthcoming Conferences taking place in 2015 along with web links to each of the individual conference pages. Further informations here: http://www.wessex.ac.uk/15–conferences.html

THE 12th INTERNATIONAL CONFERENCE ON COMPUTATIONAL METHODS AND EXPERIMENTS IN SURFACE AND CONTACT MECHANICS INCLUDING TRIBOLOGY
21 – 23 April, 2015
València, SPAIN
The importance of contact and surface effects in modern engineering and their combined effects has led the organisers to reconvene this 12th International Conference, which covers Computational Methods and Experiments in Surface and Contact Mechanics including Tribology.
The aim of the conference is to encourage international cooperation amongst scientists and engineers and to exchange new ideas. It deals with fundamental and applied concepts in the interdisciplinary fields of surface and contact engineering, including tribology, in particular focusing on the interplay between applied physics, materials science and computational methods.

THE 4th INTERNATIONAL CONFERENCE ON DISASTER MANAGEMENT AND HUMAN HEALTH: REDUCING RISK, IMPROVING OUTCOMES
20 – 22 May, 2015
Istanbul, TURKEY
This series of conferences originated with the need for academia and practitioners to exchange knowledge and experience on the way to handle the increasing risk of natural and human-made disasters. Recent major earthquakes, tsunamis, hurricanes, floods and other natural phenomena have resulted in huge losses in terms of human life and property destruction. A new range of human-made disasters have afflicted humanity in modern times; terrorist activities have been added to more classical disasters such as those due to the failure of industrial installations for instance.
It is important to understand the nature of these global risks to be able to develop strategies to prepare for these events and plan effective responses in terms of disaster management and the associated human health impacts.
The conference provides a forum for the exchange of information between academics and practitioners, and a venue for presentation of the latest developments.

THE 3rd INTERNATIONAL CONFERENCE ON WATER AND SOCIETY
15 – 17 July, 2015
Coruña, SPAIN
Over the centuries, civilisations have relied on the availability of clean and inexpensive water. This can no longer be taken for granted as the need for water continues to increase due to the pressure from an increasing global population demanding higher living standards. Agriculture and industry, major users of water, are at the same time those that contribute to its contamination. Water distribution networks in urban areas, as well as soiled water collection systems, present serious problems in response to a growing population as well as the need to maintain ageing infrastructures.
Many technologically feasible solutions, such as desalination or pumping systems are energy demanding but, as energy costs rise, the techniques currently developed may need to be re-assessed. The Conference will address the interaction between water and energy systems.