Journal Submission

Authors attending BIOMED 2013 will be invited to submit an extended version of their paper for possible publication in the International Journal of Design & Nature and Ecodynamics, one of the Journals edited by the Wessex Institute.



Location

Brimming with historic landmarks, a wealth of museums and numerous green parks, the charming city of Budapest sits alongside the river Danube in central Hungary. The neo-Gothic architecture of Andrássy boulevard and Castle Hill, home to the spectacular Buda Castle and picturesque narrow streets lined with Medieval, Baroque and nineteenth century buildings, have both earned UNESCO World Heritage status. Today, Budapest is a thriving financial hub with a cosmopolitan atmosphere and lively music and arts scenes.

Conference Venue

BIOMED 2013 will take place at the Radisson Blu Beke Hotel, located in central Budapest close to transport connections and major landmarks. Built in the elegant style of the early 20th century, the hotel offers modern rooms, attractive café and restaurant, leisure facilities and complimentary high-speed internet.

Open Access

WIT strongly believes that removing the barrier to research published online will greatly aid progress in all scientific and technical disciplines, as well as all other spheres of knowledge. Most WIT conference and all journal papers are freely available online.

Submission Information

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.

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.

The language of the conference will be English.

Online submission

wessex.ac.uk/biomed2013

Email submission

imoreno@wessex.ac.uk

Submit your abstract with BIOMED 2013 in the subject line.

Please include your name, full address and conference topic.

Conference Coordinator

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WIT Transactions on

Biomedicine and Health
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The tenth International Conference on Modelling and Measurement in Medicine and Biology is a well established and recognised forum for dissemination of the latest research and applications in these important fields.

Advances in medical and biological technology are transforming medical care and treatment; in great part this is the result of the interaction and collaboration between medical sciences and engineering. This has resulted in substantial progress in health care and in the quality of life of the population.

Computer models in particular have been increasingly successful in simulating biological phenomena. These are lending support to many applications, including cardiovascular systems, the study of orthopaedics, biomechanics and electrical simulation amongst others.

The conference topics cover a broad spectrum including the simulation of biomedical problems, ranging from cardiovascular modelling to virtual reality and simulation in surgery.

The conference will also discuss the interaction and complementing aspects of computational methods and measurements, the main consideration and importance being their advantageous integration.

This important conference started in Southampton in 1991, followed by a meeting in Bath (1993) and others in Milano (1995), Aquasparta (1997), Ljubljana (2003), Bologna (2005), the New Forest (2007), Crete (2009) and Riga (2011). The papers presented at these meetings are permanently archived in the Wessex Institute eLibrary (http://library.witpress.com) where they are immediately and easily accessible

to the international scientific community.

Who should attend

The meeting aims to bring together medical and physical scientists and engineers who are interested in the latest developments on simulations in medicine. It will also be relevant to professionals working in medical enterprises who are actively involved in this field.

Benefits of Attending

Conference Books Papers are published in paper and digital format and widely distributed throughout the world. At registration, delegates receive a USB flash drive containing the conference proceedings, and those of previous conferences in the series. Papers are also archived at http://library.witpress.com

Book Dissemination WIT Press ensures maximum dissemination of your research throughout the world through its own offices in Europe, the USA and its extensive international distribution network.

Digital Archive All papers in the conference books are permanently archived at http://library.witpress.com where they are available to the international community.

Open Access Open Access allows for the full paper to be downloaded from the WIT eLibrary archives, offering maximum dissemination. Delegates who opt for Open Access will receive a collection of books on related fields on a USB flash drive at registration.

Journal Papers Presenters at WIT conferences will be invited to submit an extended version of their conference paper to one of the International Scientific Journals edited by the Wessex Institute.

Networking Participants can present their research and interact with experts from around the world, becoming part of a unique community.

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Conference Topics

Cardiovascular system

Biomechanics

Sports mechanics

Spinal problems

Orthopaedics and bone mechanics

Data acquisition analysis and medical imaging

Virtual reality in medicine

System biology

Diagnostic tools and therapy

Biofluid mechanics

Nanotechnologies

Physiology

Stenting

Drug rehabilitation and drug discovery

Tissue engineering

Human reproductive health

Biosystems measurements

Experimental and computational methods

Indexing and archiving of conference papers

Papers presented at Wessex Institute conferences are referenced by CrossRef and regularly appear in notable reviews, publications and databases, including referencing and abstract services such as SCOPUS, Compendex, ISI Web of Knowledge, Index to Scientific and Technical Proceedings, ProQuest and Scitech Book News. All conference books are archived in the British Library and American Library of Congress.

- Papers presented at BIOMED 2013 will appear in a volume of WIT Transactions on Biomedicine and Health (ISSN: 1747-4485, Digital ISSN: 1743-3525).
- All conference papers are archived online at http://library.witpress.com where they are immediately and permanently available to the international scientific community.