



ACE-X2009 Rome, Italy / from 22-23 June, 2009

3rd International Conference on Advanced Computational Engineering and Experimenting:
Special session 'Biomechanics'

IMPORTANT DATES:

- ✓ Abstract Submission Deadline 27 March
- ✓ Notification of Acceptance 03 April
- ✓ Early Bird Registration 17 April
- ✓ Accommodation Reservation 20 April
- ✓ **ACE-X 2009 22-23 Jun 2009**

Announcement and Call for Papers

3rd International Conference ACE-X 2009: **Special session 'Biomechanics'**

The 3rd International Conference ACE-X 2009 will be held in the **Grand Hotel Palazzo Carpegna** located a few minutes from the Vatican City and Rome city centre (Rome, Italy, from 22–23 June 2009). The conference is co-chaired by Andreas Öchsner (Malaysia), Lucas F. M. da Silva (Portugal) and H Altenbach (Germany), and will deal with topics related to Advanced Computational Engineering and Experimenting.

The **Special Session 'Biomechanics'**, will take place during ACE-X 2009 and is been co-organized by **Prof. Saied Darwish (Saudi Arabia)**

The **Special Session 'Biomechanics'** congregates professionals applying mechanical concepts and principles to develop devices, sensors, new materials and techniques to improve health condition of individuals, animals and plants. The main objective of the session is to foster cooperation among healthcare and technical professionals to consolidate the scientific knowledge in biomechanics. The session main topics are as follows:

Topics:

- Biological Images: morphology, tissue characterization and monitoring.
- Biomechanics and motor control.
- Biomechanics in Dentistry.
- Biotechnology and Signal Processing
- Health applications of biomaterials.
- Modeling of physiological systems
- Musculoskeletal Biomechanics.
- Rehabilitation.
- Robotics, Sensors and Assist Devices
- Technology for surgeries.
- Vascular systems and bio-heat transfer

Selected papers will be published in a special issue of the *International Journal of Nano and Biomaterials (IJNBM)*

<http://www.inderscience.com/>

Authors who wish to make a presentation (oral or poster) are requested to submit a short abstract (one single A4 page possibly with a diagram and references) in English, by 27 March 2009 in the web site of the conference <http://ace-x2009.com/abstract.html>

More information is available through the web page of the conference www.ace-x2009.com or direct with

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