



SECOND WORLD CONGRESS OF BIOMECHANICS

in conjunction with

9th Meeting of the European Society of Biomechanics
8th International Conference on Mechanics in Medicine and Biology

July 10-15, 1994

Free University, Amsterdam, The Netherlands

Following the first Congress of Biomechanics in San Diego, 1990, the Second World Congress will be held in Amsterdam, July 1994. As the first one, this Congress was initiated by the World Committee for Biomechanics and monitored by an International Steering Committee, consisting of experts from all Biomechanics related fields and from all parts of the world. The Congress is patronized by the American (ASB), European (ESB) and International (ISB) Societies of Biomechanics, the Society for Biomaterials, the International Committee on Mechanics in Medicine en Biology (ICMMB), the International Society of Biorheology, the Cardiovascular System Dynamics Society, the US National Committee of Biomechanics and others. The 9th Meeting of the European Society of Biomechanics and the 8th International Conference on Mechanics in Medicine and Biology are merged with this Congress.

The Congress will include Plenary Lectures, Society-patronized Symposia, Tutorials, State-of-the-Art Lectures, Free Papers and Posters in a five-day program. Satellite meetings, Pre and post Congresses are planned by some of the patronizing Societies.

List of Symposia

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| 1. Cardiovascular artificial organs | 11. Skeletal muscle mechanics |
| 2. Orthopaedic implant design & materials | 12. Respiratory mechanics |
| 3. Bone trauma & fracture fixation | 13. Biomechanics & rehabilitation |
| 4. Biomechanics of joints & ligaments | 14. Transport in connective tissue |
| 5. Biomechanics of sport | 15. Tissue engineering & biomaterials |
| 6. Blood flow & large vessel mechanics | 16. Motor control |
| 7. Cardiac mechanics & function | 17. Co-ordination of multi-joint movement |
| 8. Cell mechanics | 18. Bone structure & remodeling |
| 9. Characterization & measurement of motion | 19. Biomaterials: considerations for implants |
| 10. Microcirculation | |

Other topics

Acoustical and auditory biomechanics; Biorheology; Hemorheology, Blood and gas flow; Bone and cartilage mechanics; Dental mechanics; Image and signal processing; Medical instrumentation for biomechanics; Models in biomechanics; Molecular biomechanics; Orthopaedics; Physical therapy, Prosthetics; Rehabilitation engineering; Sensory organs; Skin mechanics; Animal locomotion.

Abstracts

Instructions for abstracts and the full announcement can be obtained from the Congress Office. Submission deadline of abstracts is November 1, 1993. The selection of papers for presentation will be made by the Program Committee. The abstracts of accepted papers will be published in a bound volume at the time of the meeting.

For further information and inclusion in the mailing list contact the congress office

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