

Exhibitor Listing

BERTEC CORPORATION B5

Bertec manufactures multi-component force transducers and provides related engineering services. Fields of application include human and animal movement, sports training and analysis, industrial applications and vestibular and balance training and assessment. Bertec also excels in custom work, turning our customers' ideas and needs into finished products.

Aubre Rice, 6171 Huntley Road, Suite J, Columbus OH 43229, USA, 614.430.5421, aubre@bertec.com

Bioness Inc. B6

Dedicated to improving patient outcomes, Bioness Inc. brings innovative neuroprosthetic and rehabilitation solutions to the chronic and acute therapy settings. Bioness provides state-of-the-art technology, training, and on-going support to rehab professionals who have patients with paralysis or weakness associated with stroke, spinal cord and brain injuries. <u>www.bioness.com</u>

25134 Rye Canyon Loop, Suite 300, Santa Clarita, CA 91355, USA, 800.211.9136, <u>info@bionessinc.com</u>

Biophotonics International B4

Biophotonics International magazine is designed for people who are using photonic technology in medical or biotechnical products and procedures, and for key researchers who are looking for new techniques and products to solve their problems. It is distributed free to those who use or apply photonics.

Nancy Lamontagne, Editor, 2 South Street, Berkshire Common, Pittsfield MA 01201, USA, 413.499.0514, <u>photonics@laurin.com</u>

CAMBRIDGE UNIVERSITY PRESS B10

Please stop by the Cambridge University Press booth to peruse the latest in biomedical engineering, including Basic Biotechnology 3ed by Ratledge and Kristiansen; Molecular and Cellular Biophysics by Jackson; Systems Biology by Palsson and Physics in Molecular Biology by Sneppen and Zocchi. Buy now and enjoy a special 20% discount!

James Murphy, 32 Avenue of the Americas, New York, NY 10013-2473, USA, 212.337.5074, j.murphy@cup.org

CleveMed B7

CleveMed's line of lightweight physiological monitors include wireless multi-channel systems, including CleveLabs[™] Laboratory Course System, BioCapture[®], BioCapture Jr and the RatPaak[®]. By eliminating restricting wires, our devices permit powerful uninterrupted flexible monitoring for teaching and research applications including signal processing, bioinstrumentation and physiology.

Maureen Phillips, 4415 Euclid Avenue, Cleveland OH 44103, USA, 1.877.253.8363, <u>sales@clevemed.com</u>

DUKE-EWH B12

The Duke-EWH Summer Institute is unlike any other class or internship, participants will gain hands-on technical experience in medical technology, exposure to the challenges of a developing country and proficiency in a second language. The program starts with an intensive four-week training in medical equipment repair and maintenance as well as second language classes. Then, your training is put into practice during a four-week internship in a developing world hospital (either in Central America or Africa).

136 Hudson Hall, BME, Box 90281, Durham NC 27708, USA, 919.660.5181, <u>info@ewh.org</u>

ELSEVIER B9

Elsevier, and its imprint Academic Press, is proud to publish the best books available covering bioengineering. Our expert authors, who are leaders in their field, provide comprehensive knowledge of the latest advances in fast moving technology. Elsevier's books, written by engineers for engineers, will help you excel by keeping you up to date on the most crucial changes in the field. For more information on our publications go to www.books.elsevier.com/engineering

Juan Flores, 360 Park Avenue South, New York NY 10010, USA, 212.633.3656, j.flores@elsevier.com

EMBC 2007 B14

The 29th Annual International Conference of the IEEE Engineering in Medicine and Biology Society will be held jointly with the 14th Conference of the French Society of Biological and Medical Engineering (SFGBM) in Lyon, France on August 23-26, 2007. This conference will offer an opportunity to gather researchers, educators and developers from academic fields and industries worldwide to share their research results and exchange ideas covering all the areas of biomedical engineering. Special session on emerging techniques in biomedical engineering and relevant disciplines are planned. Apart from the technical programs, student activities and social programs (cooking courses, museums), such as local tours around Lyon and surrounding areas (Alps, French Riviera), are also available for attendees and their guests. Please visit the conference website for further details. http://www.embc07.ulster.ac.uk

> Jodi L. Strock, IEEE EMBS, 445 Hoes Lane, Piscataway NJ 08854, USA, 732.981.3451, <u>emb-conferences@ieee.org</u>

EMBS On-site Registration Area

The Engineering in Medicine and Biology Society of the IEEE advances the application of engineering sciences and technology to medicine and biology, promotes the profession, and provides global leadership for the benefit of its members and humanity by disseminating knowledge, setting standards, fostering professional development, and recognizing excellence. www.embs.org

Laura J. Wolf, 445 Hoes Lane, Piscataway NJ 08854 USA, 732.981.3433, <u>emb-exec@ieee.org</u>

IOP Publishing B11

Institute of Physics Publishing (IOP) is a not-for-profit organization dedicated to science communication. IOP provides a comprehensive range of products and services including an award-winning platform for electronic publishing. *Journal of Neural Engineering*, *Physiological Measurement*, *Bioinspiration & Biomimetics*, *Biomedical Materials* will be available at the booth.

Jane Roscoe, 150 S. Independence Mall, Philadelphia PA 19106, USA, 215.627.0880, Jane.Roscoe@jop.org

Marriott Vacation Club International **B8**

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Keith O'Dwyer, Marriott Marquis, Eastern Regional Office, Suite 300, 1535 Broadway, New York NY 10036, USA, 212.589.1323, <u>keith.o'dwyer@vacationclub.com</u>

NIRX MEDICAL TECHNOLOGIES B2

NIRx Medical Technologies, LLC. is a world-leader in the development of integrated solutions for diffuse optical tomographic imaging. With our flagship product, the <u>DYNOT (DYnamic Near-infrared Optical Tomography)</u> imager, we offer a turn-key real-time optical tomographic system for a range of biomedical imaging applications.

Dr. Randall Barbour, 15 Cherry Lane, Glen Head NY 11545, USA, 516.759.8750, <u>rbarbour@nirx.net</u>

NJIT BME/ECE Programs B15

Engineering at NJIT has a long history of strong intersections with medicine and biology. Within the Department of Electrical and Computer Engineering and the Department of Biomedical Engineering, current research focuses on: (1) medical imaging, (2) brain-machine interfaces, (3) neuromuscular engineering, (4) rehabilitation research, (5) oculomotor control, (6) stem-cell based tissue engineering, (7) robotic controls for DNA processing, (8) bioMEMS, (9)biomaterials, (10) heart-rate variability, and (11) cardiac biomechanics. The doctoral program merges a truly joint effort between NJIT and the New Jersey Medical School (UMDNJ). At the masters level, the BME Department offers one of the top five MS programs in the U.S., with a large selection of masters level courses offered every semester. The undergraduate programs span a continuum of interests -- from traditionally engineering focused programs in ECE to broader and more biologically based curricula in Biomedical Engineering.

Dr. William Hunter, New Jersey Institute of Technology, Dept of Biomedical Engineering, Fenster Hall - 323 Martin Luther King Blvd, Newark, NJ 07110, USA, 973.596.5268, <u>whunter@njit.edu</u>

PHASESPACE MOTION CAPTURE B1

PhaseSpace's Impulse optical Motion Capture System is the industry leader for motion tracking and position sensing. Our patented technology allows us to uniquely identify active LEDs at 480 frames/sec, providing high resolution, real-time data with no drop-outs or marker swapping. With industry leading speed, resolution, and price, the PhaseSpace Impulse system can be utilized for a multitude of medical applications.

Natasha Yermakova, 1933 Davis Street, Suite 268, San Leandro CA 94577, USA, 510.633.2865, Natasha@phasespace.com

SANTEC B13

Santec is a leading manufacturer of Optical Components, Tunable Lasers and Optical Light Sources, and Optical Test and Measurement Products. Optical Components include Variable Attenuators, Tap Photodetectors, Wavelength Lockers, WDM filters, Mux/Demux products, etc. Test and Measurement Products include Benchtop Tunable Lasers, Tunable Filters, Ultra-Wide Band Sources and more.

Gwyn Clarke, 433 Hackensack Avenue, Hackensack NJ 07601, USA, 201.488.5505 info@santec.com

SPRINGER B3

Springer publishes the most up-to-date and comprehensive research available in Biomedical Engineering. Publications include the journal *Annals of Biomedical Engineering*, among many others, and book series such as *Topics in Biomedical Engineering International*.

233 Spring Street, New York NY 10013-1578, USA, 212-460-1500, paul.siefferman@springer.com