

Exhibitors

IEEE Engineering in Medicine and Biology Society, IEEE EMBS, Booth 13

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. EMBS Executive Office, 445 Hoes Lane, Piscataway, NJ 08854 USA, Tel: 732.981.3433, E-mail: emb-exec@ieee.org, Web: www.embs.org

Advanced Platform Technology Center, Booth 20

The APT Center develops advanced technologies that serve the clinical needs of veterans with sensory, motor and cognitive deficits or limb loss to provide clinician-researchers within the Department of Veterans Affairs (VA) with new tools for rehabilitation, treatment and scientific inquiry that lead to independence and enhanced societal participation. Marija Rogonjic, 10701 East Blvd. (151), Cleveland, OH 44106 USA, 216-791-3800 Ext. 6003, E-mail: marija.rogonjic@va.gov

APDM Inc., Booth 22

APDM Produces wearable inertial sensors and a system for assessing gait and balance. The sensors are small, unobtrusive, wirelessly synchronized, and operate throughout the day. They never drop data and can log data for rapid download or stream wirelessly. APDM has just announced an applications store and program for developers.

Matthew Johnson, 2828 SW Corbett Ave., Suite 130, Portland, OR 97201 USA Tel: 888-988-2736, E-mail: matt@apdm.com

BIOPAC Systems, Inc., Booth 7

Data acquisition hardware, software, amplifiers, transducers, wireless telemetry and logging systems. Specialized analysis for ECG, EMG, EEG, GSR, EGG, Respiration, Blood Pressure, LVP, MAP, RSA, and a host of signal processing methods. Solutions for VR, fNIR, and MRI. Developer tools include hardware and software APIs, scripting, and network data transfer.

Jason Cole, 42 Aero Camino, Goleta, CA 93117, 805-685-0066, E-mail: info@biopac.com

BME Career Alliance, Booth 16

The BME Career Alliance is a non-profit organization that connects biomedical engineering programs and industry. Students, alumni, faculty and industry can access our job board, regional meetings and many other career resources on our website: www.bmecareer.org. Come by our booth at EMBC'11 to learn more!

Charla Triplett, 4809 E Thistle Landing, Suite 100, Phoenix, AZ 85044 USA, Tel: 480-726-7272, E-mail: charla@bmecareer.org

Boston Convention & Visitors Bureau, Booth 28

We are happy to welcome IEEE Engineering in Medicine and Biology Society to Boston. Please stop by the visitors table for your copy of our Official Visitors Guide. Designed especially for the visitor, this handy *Guidebook* contains over 100 pages of comprehensive information. With its detailed maps and facts about accommodations, dining, entertainment, the performing arts, museums and attractions, sightseeing tours, shopping, recreation and local and regional transportation, the *Guidebook* will show the very best way to explore Boston and beyond.

CRC PRESS - TAYLOR & FRANCIS GROUP LLC, Booth 21

CRC Press – Taylor & Francis is a premier publisher in biomedical engineering textbooks, professional manuals, reference works, journals, and electronic databases. Please visit our booth to peruse our titles, receive special convention discounts, and pick up copies of our journals. Talk to us about being a CRC Press Author!

Michael Slaughter, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487 USA, Tel: 415-897-1238, E-mail: michael.slaughter@taylorandfrancis.com

Delsys, Inc., Booth 29

Primarily focusing on surface and decomposition electromyography (sEMG and dEMG™), Delsys has established itself as a leader in EMG and biosensor solutions. Today, Delsys continues to lead the innovation path by developing wearable EMG solutions for neuromuscular research, rehabilitation and injury clinics, human performance enhancement, and biofeedback applications.

Devi Bheemappa, PO Box 15734 Boston, MA USA, Tel: 617-236-0599, E-mail: devi@delsys.com, www.delsys.com

Edwards Angell Palmer & Dodge LLP, Booth 4

Edwards Angell Palmer & Dodge is an international law firm that has been at the forefront of medical devices for 30 years counseling in areas of intellectual property, corporate and securities, investments and transactions, mergers and acquisitions, public policy, cross border issues, and litigation. For more information, visit our website at www.eapdlaw.com.

Jay Wager, 111 Huntington Avenue, Boston, MA USA, Tel: 617.239.0100, E-mail: jwager@eapdlaw.com

Elsevier, Booth 1

As the world's leading provider of science and health information, Elsevier serves more than 30 million scientists, students and health and information professionals worldwide. We help customers advance science and health by providing world-class information and innovative tools that help them make critical decisions, enhance productivity and improve outcomes.

Sandra Pierre-Lys, 101 Hughes Lane, North Babylon, NY 11703 USA, Tel: 631-665-1833, E-mail: s.pierre-lys@elsevier.com

EMBC 2012, Booth 9

The 34th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'12) will take place August 28 to September 1, 2012, at the Hilton San Diego Bayfront Hotel, in San Diego, California, USA.

The conference will cover diverse topics such as biomedical engineering, healthcare technologies, and medical and clinical applications. The conference program will consist of invited plenary lectures, symposia, workshops, invited sessions and oral and poster sessions of unsolicited contributions. All papers will be peer reviewed; accepted papers of up to four pages will appear in the Conference Proceedings and be indexed by IEEE Xplore and edline/PubMed.

E-mail: embc12@ieee.org, www.embc2012.embs.org

EMBC 2013, Booth 10

EMBC'13 will be held in Osaka, Japan on July 3-7, 2013. Osaka, located right next to Kyoto, is the second largest city in Japan and is well known for its modernity and tradition in harmony. NOTE that the conference has been scheduled 2 MONTHS EARLIER than ordinary years.

Engineering World Health, Booth 15

"Engineering World Health is an NGO that works with the engineering community to improve healthcare in hospitals of the developing world. We carry out repairs, build local capacity to manage and maintain the equipment and develop low-cost technologies. Come find out how you too can make a lasting impact on healthcare in the developing world!"

Julien Benchetrit, The Prizery, Ste 230, 302 East Pettigrew Street, Durham, NC 27701 USA,

Tel: 919-995-0874, E-mail: jbenchetrit@ewh.org

g.tec Guger Technologies OG, Booth 6

g.tec, a leading supplier of BCI technology, is showing new applications of Brain-Computer Interface:

- Control your home simply by thinking
- Spell out words by thought alone
- Navigate a robot by controlling it with your mind
- Tap into social networks by thinking alone: Twitter or Second Life

Robert Prueckl, Sierningstn 14, Schiedlberg, 4521, Austria, Tel: 00 437 251 22240, E-mail: office@gtec.at

IEEE, Booth 27

IEEE, the world's largest technical professional association, is dedicated to advancing technology for the benefit of humanity. Through its highly cited publications, conferences, technology standards, and professional activities, IEEE is the trusted voice on areas ranging from computers and telecommunications to biomedical engineering and electric power. Learn more at <http://www.ieee.org>. Lara Fast, Tel: 732.562.3804, E-mail: L.Fast@ieee.org

IEEE Boston Section, Booth 8

IEEE's Boston Section is part of the **Engineering in Medicine and Biology Society (EMBS)**, which is part of the Institute of Electrical and Electronic Engineers (IEEE). The society's field of interest is the application of concepts from the physical and engineering sciences to the fields of medicine and biology. Members are not necessarily electrical engineers, but come from a variety of backgrounds including chemical engineering, biochemistry, medicine, bioengineering and biomedical engineering. One Centre Street, Suite 203, Wakefield, MA 01880, USA

Tel: 781. 245-5405 (phone) (781) 245-5406 (fax) <http://www.ieeeboston.org>.

Current Chair: Wasim Malik. E-mail: wqm@mit.edu

IMEC, Booth 11

Imec's Human++ Program enhances lifestyle and healthcare through nanoelectronics. The program includes R&D on wearable health and comfort monitoring, smart implants, molecular diagnostics and imaging, brain-IC interfaces. Imec offers its expertise to clinical, pharmaceutical, medical devices and biotechnology industries to enhance diagnostics, therapy, drug discovery and development. www.imec.be Katrien Marent, Kapeldreef 75, Heverlee, 3001, Belgium, Tel: 32 16 28 1880, E-mail: katrien.marent@imec.be

Institute of Biomedical & Health Engineering Shenzhen Institutes of Advanced Technology Chinese Academy of Sciences, Booth 5

The main research areas of IBHE & HICAS include biomedical imaging, neural engineering, wearable technology, medical robotics, biophotonics, health informatics, drug delivery system, nano biosensors and BioMEMS. The clinical applications are focused on the early diagnosis and early treatment of major diseases such as cardiovascular diseases. Hua Yang, 1068 Xueyuan Avenue, Shenzhen University Town, Shenzhen, Guangdong, China 518055, Tel: 86 755 863 92249, E-mail: hua.yang@siat.ac.cn

Institute of International Education - Whitaker International Program, Booth 12

The Whitaker International Fellows and Scholars Program provides funding to emerging U.S.-based leaders in biomedical engineering, with a goal of building international bridges. Grant projects – including research, coursework, public policy work – are intended to enhance both the recipient's career and the BME field. Administered by the Institute of International Education. Sabeen Altaf, 809 United Nations Plaza, New York, New York, 10017 USA, Tel: 212-984-5442, E-mail: SAltaf@iie.org

Khalifa University, Booth 25

Khalifa University is a non-profit, co-educational, research-driven institution that provides a world-class educational and intellectual environment in technology and research. As the educational arm of Abu Dhabi 2030 plan, it is going to play a vital role in the future of both Abu Dhabi and the United Arab Emirates.

Dr. Stephan J. De Weerth, PO Box 127788 Al Saada St, Abu Dhabi, United Arab Emirates,
Tel: 971-401-8000, E-mail: info@kustar.ac.ae

Morgan & Clay Publishers, Booth 24

Morgan & Claypool Publishers', the Synthesis and Colloquium Digital Libraries of Engineering and Life Science, offers dozens of original short books in Biomedical and Tissue Engineering and Biomedical Sciences. Written by leading researchers from universities and industry, MCP titles are used as texts/references with unlimited free access for enrolled institutions.

Joel Claypool, 40 Oak View Dri., San Rafael, CA 94903 USA, Tel: 415-785-8003, E-mail: claypool@morganclaypool.com

NJIT - Department of Biomedical Engineering, Booth 18

The Biomedical Engineering Department at New Jersey Institute of Technology, Newark, NJ offers degrees from the baccalaureate to the doctorate and currently has over 250 undergraduates, and about 200 graduate students. The undergraduate degree is fully accredited by ABET. The PhD degree is a joint program with the New Jersey Medical School.

Dr. Mesut Sahin, University Heights, Newark, NJ 07102 USA, Tel: 973-596-5268, E-mail: mesut.sahin@njit.edu

Oregon Center for Aging & Technology, Booth 23

The Oregon Center for Aging & Technology (ORCATECH) is a collaborative research center at the Oregon Health & Science University developing technologies for continuous assessment in the home that will maintain independence and optimize health for our aging population.

3181 SW Sam Jackson Park Rd CR 131, Portland, OR USA 97239, Tel: 503.494.7198, E-mail: orcatech@ohsu.edu

Philips, Booth 14

Philips provides technology options for innovations in the area of health and well-being, targeted at both developed and emerging markets. Philips Research will exhibit a few active research projects in the areas of image-guided technology, ultrasonic innovation, patients monitoring and healthcare informatics.

Rehabtronics, Booth 17

"Rehabtronics develops devices for people with movement impairments resulting from stroke, spinal cord (SCI), brain, and other neurological injuries. In addition to use in a clinic, Rehabtronics' latest device, the ReJoyce, is designed to be used by patients at home while supervised over the Internet."

Andy Prochazka, 4352, 10230 Jasper Avenue, Alberta T5J4P6, Canada, Tel: 780-965-1884, E-mail: inquiries@rehabtronics.com

Siemens, Booth 26

Siemens understands the relationship between medical and information technology and has transformed that understanding into solutions that help streamline operational processes and activities across diverse roles and departments. Soarian® is an enterprise healthcare information system that can combine clinical, financial, and administrative data into one seamless workflow. Soarian is a key component in the execution of an Electronic Health Record (EHR) strategy.

Jerard Berger, 51 Valley Stream Parkway, Molven, PA 19355 USA, Tel: 610-850-3195, E-mail: jerard.berger@siemens.com

Shimmer Research, Booth 2

Proven wireless sensing solutions for biophysical, kinematic or ambient applications. A wearable sensor platform, Shimmer reduces development time for R+D, because right now time is being spent on hardware as opposed to advancing academic and clinical understanding. Used in 50 countries, Shimmer overcomes challenges of size, reliable communications and low power consumption.

Kieran Daly, kdaly@shimmer-research.com

Tucker-Davis Technologies, Booth 19

TDT is a leading manufacturer of user-programmable, DSP-based systems for real-time data acquisition and stimulus generation. Products range from electrodes to complete workstations for evoked potentials and neurophysiology. New this year: digital ZIF-Clip® headstages, Z-Series current/volt stimulator and video tracking systems.

Victor Rush, PhD, 11930 Research Circle, Alachua, FL 32615 USA, Tel: 386-462-9622, E-mail: tdt@tdt.com

Vivonoetics, Booth 3

Vivonoetics is a physiometrics* company offering VivoSense™, a modular physiological monitoring and analysis software platform that synchronizes, integrates, analyzes and classifies data from any body-worn sensor system. Vivonoetics provides researchers with affordable software customization services to create or implement algorithms to process and visualize their physiological measurements within VivoSense.

Wiley-Blackwell, Booth 30

Wiley-Blackwell the scientific, technical, medical and scholarly publishing business of John Wiley & Sons, publishes on behalf of more societies and membership associations than anybody else and offers libraries and individuals 1250 online journals, thousands of books in print and online, reviews, reference works, databases, and many other innovative resources for teaching and learning, including across the social sciences and humanities. As proud publishers of many society sponsored titles, please be sure to visit our booth to see what is new.

Tai Soda, 111 River St, Hoboken, NJ 07030 USA Tel: 877-762-2974, E-mail: tsoda@wiley.com.