Register Now for Free Live Webinars by BMI Innovators Oct 6-7th

Space is limited for these compelling views of the present and future of Brain Machine Interfaces. Register at the URLs below to receive a confirmation and call-in phone number. The webinars will be recorded for later viewing via the SMCS web site [https://www.ieeesmc.org]

October 6, 3:30-4:20pm PDT

The Information Principle

Lofti A. Zadeh, PhD.
Professor Emeritus,
University of California, Berkeley

Lofti A. Zadeh, PhD is Director of BISC (Berkeley Initiative in Soft Computing), and recipient of many distinguished awards. "The Information Principle has three parts. (a) Information = restriction. (b) There are three principal types of information: possibilistic information, probabilistic information and bimodal information."

▶ Register at: https://attendee.gotowebinar.com/register/7961019799920069633   Webinar ID: 132-850-315

October 6, 4:30-5:20pm PDT

Challenges in Designing and Building Auditory Speech Prosthesis

Bob Knight, MD, PhD,
University of California Berkeley

Bob Knight, MD, PhD studies the role of human prefrontal cortex in organized behaviour and is also involved in development of auditory speech prosthesis. "We will review work on the neural basic of language processing and the use of ECoG recording for speech reconstruction and decoding of imagined speech for development of speech prosthesis."

▶ Register at: https://attendee.gotowebinar.com/register/386007008124895233   Webinar ID: 154-224-987

October 7, 3:30-4:20pm PDT

Building Real World BMI Systems: Problems, Potential Solutions, and Funding

Jack Judy, PhD
University of Florida

Jack Judy, PhD develops novel microscale and nanoscale sensors, actuators, and systems and applying them in impactful engineering, medical, biological, agricultural, and scientific applications. "A goal of this talk is to energize the IEEE Systems, Man, and Cybernetics (SMC) community to make complimentary and major contributions that result in a significant improvement of the overall perform of BMI systems for a variety of applications."

▶ Register at: https://attendee.gotowebinar.com/register/4161945442186355202   Webinar ID: 136-392-

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October 7, 4:30-5:20pm PDT

Translating Brain-Machine Interfaces to End-Users: Lessons and Challenges

José del R. Millán, PhD
Ecole Polytechnique Fédérale
de Lausanne

José del R. Millán, PhD explores the use of brain signals for multimodal interaction and, in particular, the development of non-invasive brain-controlled robots and neuroprostheses. In this multidisciplinary research effort, Dr. Millán brings together his pioneering work on the two fields of brain-machine interfaces and adaptive intelligent robotics. "In this talk I will summarize this work and the main lessons learned from this major effort, highlighting new principles incorporated in the brain-controlled devices."

▶ Register at: https://attendee.gotowebinar.com/register/6372158427464085762   Webinar ID: 113-101-547