Van Der Meulen Symposium:
NEURORESTORATION
Expanding the Landscape for the Treatment of Nervous System Diseases through Engineering and Medicine

Saturday
May 3, 2014
7:30 am-5:00 pm

Aresty Conference Center
1450 Biggy Street
Los Angeles, California 90033

Presented by:
The USC Center for Neurorestoration
Department of Neurosciences and the USC Office of Continuing Medical Education

10:20 AM  "NEXT"

Michael L. J. Apuzzo, M.D., Ph.D.

11:00 AM
Neuroimaging, Connectivity and Neural Plasticity in Traumatic Brain Injury and Concussion

Meng Luo, M.D.

11:30 AM
Responsive Neurostimulation

Martha Merrell, M.D.

12:00 PM
Lunch

1:00 PM
Deep Brain Stimulation for Epilepsy

Robert F. Fisher, M.D., Ph.D.

1:30 PM
Neuromorphic Engineering Meets Neuromechanics

Francisco Valero-Cuevas, Ph.D.

2:00 PM
Brain Machine Interfaces

Richard A. Anderson, Ph.D.

2:30 PM
A Cognitive Prosthesis for Memory

Theodor H. Berger, Ph.D.

3:00 PM
Break

3:30 PM
Applications Laboratory: Coordinating Multi-Institutional Research Programs

Michael P. McLoughlin, Ph.D.

4:00 PM
EEG Complexity and Magnetic Resonant Therapy in Brain Function Restoration

Yi Jin, M.D.

4:30 PM
Electrocorticogram Control of Upper Extremity Movements

Zoran Nenadic, Dsc.

5:00 PM
Adjournment

*Members and affiliates of the USC Center for Neurorestoration
Demonstrate knowledge of the latest advances in neuromodulation, neuroengineering, neurorehabilitation and neurorestoration. Describe the roles of scientists, engineers and allied health professionals who seek to enhance their knowledge and stay up-to-date with advances in neurosciences and engineering.

TARGET AUDIENCE

This course is intended for community neurologists and neurosurgeons; engineering, neurology and neurosurgery faculty; staff and students including scientists, engineers and allied health professionals who seek to enhance their knowledge and stay up-to-date with advances in neurosciences and engineering.

Credit Designation

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Accreditation Statement

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.