



Progress in Clinical Motor Control I: Neurorehabilitation

JULY 23-25 2018

The first conference on Progress in Clinical Motor Control: Neurorehabilitation will bring together leading scientists in the basic, engineering, and clinical sciences to exchange and share research and development in cutting edge science and technology applied to neurorehabilitation.

Speakers

Current state and future of Clinical Motor Control Research

William Zev Rymer, M.D. Ph.D.

The History of Research in Clinical Neurorehabilitation

James Gordon, PT Ed.D., and Helen Cohen, OTR, Ed.D.

Motor Learning and Clinical Motor Disorders

Pablo Celnik M.D. Ph.D., Ludo Max Ph.D. CCC-SLP, and Jonathan Wolpaw M.D. Ph.D.

Cognition and Clinical Motor Disorders

Rachael Seidler Ph.D., Maria Felice Ghilardi M.D., and Laurel Buxbaum Ph.D.

Sensory Function and Clinical Motor Disorders

Netta Gurari, Ph.D., Sean Dukelow M.D. Ph.D., and Robert Scheidt Ph.D.

Reflex Modulation and Clinical Motor Disorders

Alison Hyngstrom Ph.D., Stephen Scott, Ph.D., Rick Segal, PT Ph.D., and Mindy Levin, PT Ph.D.

Brain Mechanisms of Motor Recovery Following Stroke

Sook-Lei Liew OT Ph.D., George Wittenburg, M.D. Ph.D., and Cathrin Buetefisch, M.D. Ph.D.

Parkinson's Disease and Clinical Motor Control

Xeumei Huang M.D. Ph.D., David Vaillencourt Ph.D., and Scott Cooper M.D. Ph.D.

Pediatric Clinical Motor Disorders

Diane Damiano PT Ph.D., Andy Gordon Ph.D., and Patti Davies, OTR Ph.D.

Spinal Cord Lesions and Clinical Motor Control

Monica Perez PT Ph.D., James Abbas, Ph.D., Jacob McPherson Ph.D., and John Martin, Ph.D.

Brain Machine Interface and FES for functional recovery in SCI

Andy Schwartz Ph.D., Lee Miller Ph.D., and Bob Kirsch Ph.D.

Device mediated approaches to promote recovery in stroke

Jules Dewald PT, Ph.D., Dave Reinkensmeyer, Ph.D., and Gene Tunik PT, Ph.D.

Discussion and Debate—Realism vs Idealism in Clinical Rehabilitation Research

Steve Wolf, PT, Ph.D., Adelle Field-Fote, PT, Ph.D., and Stephen Page, OT, Ph.D.

Special Guests

Carolee Winstein, MD Ph.D., Daniel Corcos, Ph.D., Leonardo Cohen M.D., Ph.D., Claude Ghez, M.D., Mark Latash, Ph.D., Paul Eslinger, Ph.D., Brian Schmidt, Ph.D., Stephen Piazza, Ph.D., Stephen Schiff, MD Ph.D.

Special Dinner Tribute

Recognizing the career and mentorship of Claude Ghez, M.D.



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