

The Los Angeles Stroke Rehabilitation Network



Stroke Rehabilitation Continuing Education Workshop

Date: Saturday, November 23rd, 2024
Time: 9:00 AM – 12:00 PM
Location: UCLA Franz Hall, Room 1178 (see next page)
The Workshop can also be attended via Zoom; link provided after RSVP
RSVP form: http://thelasernet.com/workshop_2024.aspx
Parking: No charge for those who RSVP by November 16th, 2024
Cost: Free. Refreshments will be provided
Website: thelasernet.com
Other: Continuing Education Certification will be provided for OTs, PTs, and SLPs at no charge



TO RSVP, fill out the form on
http://thelasernet.com/workshop_2024.aspx
or use the QR code above.

Agenda

- 9:00 – 9:30 Brain-Computer Interfaces in Neurorehabilitation
An Do, MD
University of California, Irvine
- 9:30 – 10:00 Why We Should Do 3D Kinematic Analysis for Post-Stroke Motor Impairment Assessment
Ahmet Arac, MD
University of California, Los Angeles
- 10:00 – 10:30 Updates in Motor Learning: Implications for Rehabilitation
Kristan Leech, PhD, DPT, PT
University of Southern California
- 10:30 – 11:00 Refreshments
- 11:00 – 12:00 Stroke Rehabilitation: Rewiring our Neurons
Steven L. Wolf, PhD, PT, FAPTA, FAHA
Emory University School of Medicine

Presented by



Health



Presented by



Health

Speaker Biographies



An Do, MD

University of California, Irvine

An Do is an Associate Professor at the University of California, Irvine Department of Neurology who specializes in neurorehabilitation. Dr. Do's research centers on brain-computer interfaces and neural engineering as methods to develop advanced rehabilitation devices.

Ahmet Arac, MD

University of California, Los Angeles

Ahmet Arac is an Assistant Professor at the University of California, Los Angeles Department of Neurology who specializes in neurorehabilitation. Dr. Arac's research centers on the brain-behavior relationship, with an emphasis on skilled motor behavior, to develop therapies for central nervous system injury.

Kristan Leech, PhD, DPT, PT

University of Southern California

Kristan Leech is an Assistant Professor at the University of Southern California Division of Biokinesiology and Physical Therapy. Dr. Leech's research focuses on motor learning, leveraging 3D motor capture and electromyography to improve walking function after neurological injury.

Steven L. Wolf, PhD, PT, FAPTA, FAHA

Emory University School of Medicine

Steven L. Wolf is a Distinguished Professor and Director of Restorative Neurology at the Emory University School of Medicine Division of Physical Therapy. Dr. Wolf has led multiple NIH-funded clinical trials pioneering therapies such as constraint induced movement therapy, robotics, and telerehabilitation to improve limb function post-stroke.

Learning Objectives:

- To appreciate emerging treatment approaches for neurorehabilitation following stroke.
- To understand research approaches to developing novel neurorehabilitation treatment strategies.
- To understand technology-based approaches to neurorehabilitation.
- To evaluate the role that exercise has in recovery after CNS injury such as stroke.
- To contextualize new developments in motor learning within rehabilitation therapeutic approaches.
- To analyze post-stroke recovery across levels, from neuron to behavior.

Presented by



Health