Sunday, October 22

Sunday, 8:00-10:00 AM  
Pavilion Ballroom/ Garden Room

**Poster Session 4**

Sunday, 8:00-10:00 AM  
Pavilion Ballroom/Garden Room

**Continental Breakfast**

Sunday, 10:00 AM- 12:00 PM  
Grand Ballroom A & B

**Symposium 17**

**New insights into human brain dynamics**
Chair: Scott Makeig  
*University of California, San Diego*

**Independent components of psychophysiological time series**
Terrence J. Sejnowski  
*Howard Hughes Medical Institute, Salk Institute, University of California, San Diego*

**Analyzing single-trial event-related potentials**
Tzyy-Ping Jung  
*University of California, San Diego & Salk Institute*

**Applying single-trial analysis to clinical event-related potential data**
Marissa Westerfield\(^1,2\), Jeanne Townsend\(^1,2\), Eric Courchesne\(^1\), & Tzyy-Ping Jung\(^1\)  
\(^1\)*University of California, San Diego*, \(^2\)*Childrens Hospital Research Center, San Diego*
Measuring populational response timing in humans using magnetoencephalography and blind source separation
   Akaysha C. Tang & Barak A. Pearlmutter
   University of New Mexico

Transient event-related coherence between independent EEG components
   Scott Makeig
   University of California, San Diego

Symposium 18

Applying respiratory psychophysiology in the clinic
   Chair: Walton T. Roth
   Stanford University

Respiration is altered in anxiety disorders after all
   Frank H. Wilhelm, Walton T. Roth, Alexandar L. Gerlach, George W. Alpers, & Werner Trabert
   Stanford University & Veterans Affairs Palo Alto Health Care System

Ambulatory monitoring of breathing
   David E. Anderson
   Department of Defense, Polygraph Institute

The use of heart rate spectral data in the treatment of psychophysiological and anxiety disorders
   Richard N. Gevirtz
   California School of Professional Psychology, San Diego

Effects of emotion respiratory resistance in health and asthma: Arousal or valence modulation?
   Thomas Ritz
   University of London, St. George’s Hospital Medical School