

BIOPAC Scoring & Automation Tools for Psychophysiology Analysis

Abstract: This tutorial will demonstrate the power and flexibility of the *AcqKnowledge* software scoring and automation tools for EDA, HRV, ECG, LVET, RSA, EMG, EEG, Stimulus Response, Impedance Cardiography (dZ/dt classifier: B, C, X, Y, O points), etc. The workshop will use real data to demonstrate how the scoring and analysis tools work. It will focus on scoring the data, checking to make sure that the scoring is accurate, making any edits to the scoring process and analyzing the results.

The scoring and automation tools help to standardize the analysis protocol and eliminate subjectivity. The *AcqKnowledge* software is not a locked system so users can edit the scoring and rerun any of the automated analysis routines using the edited file. The tools save an immense amount of time and provide measures that are otherwise too difficult to obtain.

Come learn how BIOPAC's *AcqKnowledge* software supports an array of applications, techniques, and equipment in behavioral research.

Audience: This tutorial is aimed at new and existing users and others interested in adopting BIOPAC solutions for life science data acquisition and analysis for their research needs.

Why Include: This tutorial belongs at Measuring Behavior 2008 because BIOPAC MP Systems support an array of applications, techniques, and equipment in behavioral research.

Instructors: Frazer Findlay, BIOPAC Systems, Inc.

Résumé: Short (one paragraph) résumé of the instructor:

Frazer Findlay (BIOPAC Systems, Inc.) has more than 18 years experience in life science data acquisition and analysis. He has facilitated workshops for a wide array of applications in the U.S., Europe, and Asia, and is familiar with software, equipment, and laboratory protocols for human and animal subjects.

Duration: 90 minutes