



T4 2019 Training Conference Agenda

Over 30 unique opportunities to learn. See [Session Descriptions](#) on the T4 Registration Site.

Onsite Registration Hours

Sunday, August 11, 2019, 2:00pm – 6:00pm
 Monday, August 12, 2019, 7:30am – 6:00pm
 Tuesday, August 13, 2019, 8:00am – 6:00pm
 Wednesday, August 14, 2019, 8:30am – 11:00am

Agenda and Registration Hours are Subject to Change.

Monday, August 12, 2019

8:30 AM to 9:00 AM

Welcome to T4: Tools Trends Techniques and Technology

Fundamentals	Advanced Techniques	Open Lab Time
<i>9:00 AM to 10:30 AM – Workshops</i>		
Introduction & Overview of Physiological Data Collection	HRV & RSA Analysis	Individual Consulting with BIOPAC and Sponsors: 45-Minute Appointments
<i>10:30 AM to 11:00 AM – Morning Break</i>		
<i>11:00 AM to 12:30 PM – Workshops</i>		
Biopotential and Common Transducer Signals: ECG, EMG, EDA, EEG, EOG, RESP, and PPG	EDA and Event-related EDA (GSR)	Individual Consulting with BIOPAC and Sponsors: 45-Minute Appointments
<i>12:30 PM to 2:00 PM – Lunch Break</i>		
<i>2:00 PM to 3:30 PM – Workshops</i>		
Getting Great Data: Setting Up Your Lab, Collecting Great Data and Troubleshooting	Integrating Screen-based Eye Trackers with AcqKnowledge	Individual Consulting with BIOPAC and Sponsors: 45-Minute Appointments
<i>3:30 PM to 4:00 PM – Afternoon Break</i>		
Panel: Data Collection, Troubleshooting, Creating the Optimal Lab		

Plus Poster Presentations

Tuesday and Wednesday sessions are listed on page 2.



Tuesday, August 13, 2019

Early Morning Session at 7:45 AM to 8:45 AM

Mindfulness, Meditation, and Measurement: Mindfulness Exercises in Physiological Monitoring—Part 1

Psychophysiology – 1 Psychophysiology – 2 Exercise Physiology | MRI Teaching

9:00 AM to 10:30 AM – Workshops

Integrating Screen-based Eye Trackers with AcqKnowledge

fNIR: Recording and Analyzing Data

Recording Data During Exercise

How to Get the Most Out of Your Lab: An Introduction to Biopac Student Lab (BSL)

10:30 AM to 11:00 AM – Morning Break

11:00 AM to 12:30 PM – Workshops

E-Prime Stimulus Presentation Software

A Deep Dive into Stimulation

fNIR for Muscle Oxygenation: Measuring Athlete Performance

Optimizing BSL: Overview, Modifying, Advanced Customization

12:30 PM to 2:00 PM – Lunch Break

2:00 PM to 3:30 PM – Workshops

Getting Great Data with SuperLab

Continuous Noninvasive Blood Pressure and Hemodynamics at Your Fingertips

How to Set Up Your MRI Lab

Creating Your Own Lessons using BSL PRO—Part 1

3:30 PM to 4:00 PM – Afternoon Break

4:00 PM to 5:30 PM – Workshops

Virtual Reality in Research

Multi-subject Recording with Multiple Devices

MRI Lab Tour with UCSB Staff

Creating Your Own Lessons using BSL PRO—Part 2

How to Get Great EEG Data

Beach BBQ Hosted by BIOPAC Systems!

Wednesday, August 14, 2019

Early Morning Session at 8:00 AM to 8:45 AM

Mindfulness, Meditation, and Measurement: Mindfulness Exercises in Physiological Monitoring—Part 2

Psychophysiology – 1 Psychophysiology – 2 Exercise Physiology Teaching

9:00 AM to 10:30 AM – Workshops

Integrating and Synchronizing Tobii Pro Eye Tracking Glasses data with AcqKnowledge

Virtual Reality with Biofeedback

Metabolic Gas Analysis + O₂ and CO₂

BSL Cloud: Makes Management Easy, Push Files, Central Mgmt., Student Communication

10:30 AM to 11:00 AM – Morning Break

11:00 AM to 12:30 PM – Workshops

FaceReader: Facial Expressions

Accessing Data in Real Time and Scripting (NDT)

Recording from Mobile Subjects

Measuring Brain Function in Education with fNIR

End of Conference for Attendees

BIOPAC Sales and Resellers Continue to Meet Wednesday until 6pm.