

**FIT'NG Interactive Virtual Workshop Series
Schedule for February 20 - March 3, 2023**

Workshop #	Date	Time	Session Presenter (s)	Title	Brief Summary
W1	February 20, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Lindsay Bowman	Introduction to recording and analysing infant EEG.	What EEG is, introduction to recording and analysing infant EEG.
W2	February 21, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Michelle de Haan	ERPs part 1	Introduction to ERPs, classic measures, acquisition in medical/cross-cultural settings
W3	February 22, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Steve Luck	ERPs part 2	Assessing data quality and artifacts in ERP analyses.
W4	February 23, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Steve Luck	General analysis issues part 1	Time window and electrode selection, linear mixed effects models for trial-level analyses. Relevant for all EEG analyses.
W5	February 24, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Sam Wass	Brain-brain entrainment	Dual EEG analysis techniques, including concurrent synchrony (power correlations, phase locking value, wavelet coherence) and sequential entrainment (partial directed coherence, temporal response functions, cross-correlations)

W6	February 27, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Judit Gervain/Maria Oritz	Speech-brain entrainment	Envelope tracking and oscillations in newborn EEG speech perception tasks, and overview of general speech-brain entrainment approach
W7	February 28, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Emily Jones/Rianne Haartsen	Connectivity	Including sensor vs source connectivity, global connectivity, graph metrics, and reliability
W8	March 1 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Stefania Conte/Wanze Xie/Russell Toll/John Richards	Source localisation	General principles of cortical source analysis.
W9	March 2, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	Robert Oostenveld	General analysis issues part 2	Statistical analyses, focusing on parametric vs non-parametric methods; a priori analyses to estimate sample sizes; how to report effect sizes.
W10	March 3, 2023	8am-11am PST/ 11 am - 2 pm EST/ 4 pm - 7 pm GMT/ 5 pm - 8 pm CET	George Buzzell	Time frequency analyses	Time-frequency representations of task-related EEG, emphasising time-frequency principal components analysis.