### BESA Connectivity 1.0

From raw data to source connectivity in five steps

Define own source montage using

# **BESA**®

#### 1) In BESA Research 7.0, choose a (source) montage

or **BESA Source Analysis** BESA Research 7.0 - C:\...les\Learn-by-Simulations\AC-Coherence\AC Osc20.fc Edit View Filters Montage Process ICA ERP Artifact Search Tags WrS SAW BAT ERP TpV ICA DSA TFC ESI Rec Vir Src Usr Opt EdM www. P  $( \mathbf{L} )$  $( \mathcal{L} )$ MAMM My Minthe March Ma (• Munow Mangalan Mang ( )🖌 Auto 🕨 🐇 Low Filter: 0.5 H

Use a pre-defined BESA (source) montage



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2) Define conditions and epochs of interest in the ERP module and reject artifacts



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#### 3) Start BESA Connectivity in the Coherence tab

Paradigm	? ×
Trigger Condition Epoch Filter Artifact	Average Coherence
Important note: Time-Frequency Analysis is for research use only. Results may not be used for diagnostic purposes!	
Time Frequency Analysis Target Cond	ition 🔽 Use Control Condition
St-Cor	▼ St-Err ▼
Settings	Regional Sources
Frequency and Time Sampling 2.0 Hz, 25 m	ns   Radial <u>O</u> rientation
Lower Frequency Cutoff 4.0 Hz	
Higher Frequency Cutoff 50.0 Hz	▼ C First Orientation
Scan for <u>A</u> rtifacts Start Con	ectivity Start Time-Frequency Analysis
OK Cancel Help	



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#### 4) Follow the steps of the Time-Frequency workflow in BESA Connectivity



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#### 5) Run the Connectivity workflow for the same input project

