

# Mining Cognitive Brain Dynamics I



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**12<sup>th</sup> EEGLAB Workshop @ UCSD**

**November, 2010**

# EEGLAB History

- 1993 – ERSP (Makeig)
- 1995 – Infomax ICA for EEG (Makeig, Bell, Jung, Sejnowski)
- 1997 - EEG/ICA Toolbox (cnl.salk.edu), ITC & ERC
- 1999 - ERP-image plots (Jung & Makeig)
- 2000 - Toolbox GUI design (Delorme)
- 2002 - EEGLAB (sccn.ucsd.edu)
- 2004 - NIH support, and (Delorme & Makeig) reference paper
- 2004 - 1<sup>st</sup> EEGLAB workshop (UCSD, La Jolla, California)
- 2004 - 1<sup>st</sup> EEGLAB plug-ins
- 2005 – Workshops in Porto (Portugal) and Libon (SPR)
- 2006 – Workshop in Singapore
- 2006 - 1<sup>st</sup> STUDY structure and component clustering tools
- 2007 - Workshops in Aspet (France), La Jolla (California), Santiago (Chile)
- 2008 - NIH support renewed...
- 2009 – NFT – Neuroelectromagnetic Forward Head Modeling Toolbox
- 2009 - Workshops in Bloomington Indiana, Aspet France, La Jolla California, Sydney Australia
- 2009 – ERICA DataRiver/Producer – Experimental Real-time Interactive Control & Analysis
- 2010 – Workshops in Jyvaskyla Finland, NCTU, Taiwan, Portland Oregon, and UCSD
- 2010 - HeadIT database tied to EEGLAB
- 2011 – EEGLAB Chat introduced

## EEGLAB downloads for 20/06/2007

Total count is 34

Username	Email	Comments
Russia	@mail.ru	eeg, erp, bci
Company	@nexstim.com	EEG developer
Indonesia	@tf.itb.ac.id	Brain Computer Interface
Finland	@psyka.jyu.fi	
Australia	@newcastle.edu.au	Auditory Psychophysics, Psychopathology
La Jolla	@gmail.com	Cogneuro EEGlab is great!
China?	@126.com	hi!
?	@yahoo.com	LFP in DBS patients
US Gov	@pnl.gov	
US EDU	@betulkservu	EEG and ERP responses to music stimuli
US EDU	@wjh.harvard.edu	Neuroscience
US EDU	@ydu.edu	olfaction ERP
Switzerland	@student.ethz.ch	
Sweden	@neuro.gu.se	EEG
Germany	@med.uni-muenchen.de	
China?	@163.com	Signal Processing
China	@sina.com	ic a
Finland	@helsinki.fi	cognitive brain research
Spain	@ugr.es	
Netherlands	@sdf.nl	dfg
Company?	@tom.com	BCI
?	painfulresult@com	
France	@hotmail.fr	Biomedical engineering movement-related cortical potentials brain-computer interfaces

- ~200 EEGLAB downloads a week
- ... all together to at least 90 country domains
- > 3,500 on the 'eeglablist' discussion list
- 20++ EEGLAB plug-ins available

# EEGLAB Workshops

90 Participants (2007):

- Canada
- USA

- Norway
- Ireland
- England

- Germany
- Austria
- Italy

- Japan
- Taiwan
- S. Korea
- Australia

