Resource Summary Report

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MEG(at)McGill

RRID:SCR_012277
Type: Tool

Proper Citation

MEG(at)McGill (RRID:SCR_012277)

Resource Information

URL: http://www.scienceexchange.com/facilities/meg-mcgill

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Description: MEG (Magnetoencephalography) is a neuroimaging technology for cognitive and clinical brain research. In a nutshell, MEG measures non-invasively the tiny magnetic fields generated by neuronal currents. A unique asset of MEG imaging is its unrivaled temporal resolution, reaching the millisecond time scale across the entire brain volume. On the clinical side, MEG has been typically indicated for the pre-surgical work-up of severe, drug-resistant epilepsy and the functional pre-surgical mapping of brain tumors. There is however great potential to use MEG as an instrument of choice to investigate other neurological syndromes and neuropsychiatric disorders (e.g., stroke, dementia, movement disorders, depression, etc.). Overall, MEG has strong value in revealing the dynamics of brain activity involved in subject""s perception, cognition and responses: it has provided unique insight on the time-resolved processes ruling brain functions (resting-state dynamics, language, motor control, visual and auditory perception, etc.) and dysfunctions (movement disorders, tinnitus, chronic pain, dementia, etc.). MEG(at)McGill provides a full-suite of services related to MEG and MEG/EEG studies. This includes a variety of training programs for use of the MEG and related data acquisition and analysis software, Brainstorm.

Abbreviations: MEG(at)McGill

Synonyms: MEG(at)McGill University

Resource Type: core facility, service resource, access service resource

Keywords: magnetoencephalography

Funding:

Resource Name: MEG(at)McGill

Resource ID: SCR_012277

Alternate IDs: SciEx_11280

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Ratings and Alerts

No rating or validation information has been found for MEG(at)McGill.

No alerts have been found for MEG(at)McGill.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.