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Poster and demonstration: Monday October 16th 2006, 1.30 pm – 4.30 pm

INCF Japan Node and Platforms

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As a national node of the INCF, the Neuroinformatics Japan Center (NIJC) was established at RIKEN Brain Science Institute (BSI), April 2005. NIJC organizes Japanese activities in neuroinformatics research and also participates in the international network of INCF National nodes. Together with the Japan Node Committee, the Platform Subcommittees, and BSI labs, NIJC promotes domestic neuroinformatics (NI). Our services are to:

- Provide links and smooth integration of the NI Platforms (Portal site for NI Platforms in Japan, <http://www.neuroinf.jp/>)
- Support the NI Platforms
- Supply NI technology in cooperation with BSI NI lab
- Provide documents and tools which are developed by the INCF

The currently operative platforms under the Japan Node are:

- Visiome (<http://platform.visiome.org/>)
- Neuron/Glia (<http://platform.neuron-glia.neuroinf.jp/>)
- Brain Machine Interface (<http://bmi-pf.neuroinf.jp/>)
- Invertebrate Brain (<http://ivb-pf.neuroinf.jp/>)
- Cerebellar Development Transcriptome Database (<http://www.cdtodb.brain.riken.jp>)

Platforms under development and planning include:

- Neuro-Imaging
- Integrative Brain Research
- Cerebellum
- NI-Technplogy
- Primate Social Neuroscience
- Biolinguistics

Many platforms adopt a base database system termed XooNlps which is designed for developing databases in different research fields through easy customization (<http://xoonips.sourceforge.jp/>). Because XooNlps supports OAI-PMH (Protocol for Metadata Harvesting), users of the Portal system for Neuroinformatics can retrieve metadata in platforms. Supported by MEXT Japan.

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