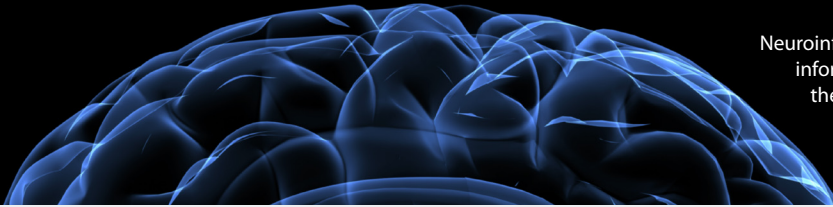


INCF is an international organization devoted to advancing the field of neuroinformatics



Neuroinformatics combines neuroscience and informatics research to develop and apply the advanced tools and approaches that are essential for major advances in understanding the structure and function of the brain.

Live demonstrations at the **INCF booth #2100** at SfN 2009 in Chicago!

Sunday, October 18

morning (09:30 - 12:30)

- Reaching 500 Models in **ModelDB**: Implications for Advances in Neuronal Integration
Morse TM, Carnevale NT, Migliore M, Hines ML, and Shepherd GM
- Modelling Large-Scale Neuronal Networks with the **NEST** Topology Module
Plesser HE, Austvoll K, Diesmann M, Eppler JM, Gewaltig M-O, and Morrison A

afternoon (13:30 - 16:30)

- Spectral Analysis of Neural Time Series Data: An Introduction to **Chronux**
Bokil H and Mitra P
- **BrainInfo** Online 3D Macaque Brain Atlas
Dubach MF and Bowden DM

Monday, October 19

morning (09:30 - 12:30)

- INCF Japan Node (**J-Node**) and Neuroinformatics Platforms: Integrative Brain Research Platform, Cerebellar Development Transcriptome Database Platform
Usui S, Takao K, Furuichi T, and Kamiji NL
- The **INCF Digital Brain Atlas** Program: Community Built Infrastructure Spanning Multiple Atlas Spaces
Hawrylycz M, Lau C, Larson S, and Boline J

afternoon (13:30 - 16:30)

- INCF Japan Node (**J-Node**) and Neuroinformatics Platforms: Dynamic Brain Platform, Related Abstract Search Tool
Usui S, Wagatsuma H, Asai Y, Inagaki K, and Kamiji NL
- The **CARMEN** Portal for Sharing and Analysis of Neurophysiological Data
Ingram C, Smith L, Simonotto J, Williams L, Hiden H, Sernagor E, Jackson T, and Austin J

Tuesday, October 20

morning (09:30 - 12:30)

- Neuroinformatics Resources for Computational Neuroanatomy
Polavaram S, Hamilton D, and Ascoli GA
- The **Rodent Brain Workbench**: Web-enabled Brain Mapping at Microscopic Resolution
Bjaalie JG, Leergaard TB, Kjonigsen LJ, Zakiewicz I, van Dongen YC, Odeh F, Papp EA, Ramachandran M, Darine DA, and Moene IA

afternoon (13:30 - 16:30)

- Modelling Network Diseases: From Retinal Dysfunction to Epilepsy
Simonotto J, Marcelino J, and Kaiser M
- Scalable Brain Atlas Viewer: NeuroLex Concepts in Interactive 3D-Context
Bakker R, Larson S, Bezin G, Heeren D, and Kötter R

Wednesday, October 21

morning (09:30 - 12:30)

- **NeuroLex.org** - A Semantic Wiki for Neuroinformatics Based on the NIF Standard Ontology
Larson S, Maynard S, Imam F, and Martone M
- Data Sharing Between NITRC and the **INCF Software Center**
Haselgrove C, Larsson A, Bjaalie JG, Breeze JL, Buccigrossi R, Kennedy DN, Preuss N, and Ritz R

afternoon (13:30 - 16:30)

- Open Forum Discussion
Anyone is welcome to give a spontaneous demonstration

Social event - Monday, October 19

We are co-sponsoring the social event "Neuroscience 2.0 - Networking data, tools and people", to be held Monday October 19, 18:30 - 21:00 in Lake Erie Room at the Chicago Hilton