

INCF booth #3226-3227

SfN 2008, Washington, DC

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 booth no.3227**Sunday, November 16****morning (09:30 - 12:30)**

- Standardization in Rodent Atlas Mapping: Waxholm Space (WHS)

Boline J, Hawrylycz M, Burger A, Hashikawa T, Johnson GA, Martone M, Ng L, Nissanov J, Puellas L, Ruffins S, Verbeek F, Zaslavsky I

- **NeuroTools**: analysis, visualization and management of real and simulated neuroscience dataSource Data Analysis Framework for Neural Data

Kremkow J, Brizzi T, Bruederle D, Davison A, Muller E, Perrinet L, Schmuker M, and Yger P

afternoon (13:30 - 16:30)

- **MUSIC**: the MUlti-Simulation Coordinator

Djurfeldt M and Ekeberg Ö

- MUSIC in action: NeST talking to Moose

Hjorth J, Dudani N, Potjans T, Helias M, Djurfeldt M, and Ekeberg Ö

Monday, November 17**morning (09:30 - 12:30)**

- **SenseLab**: New Directions in Neuroinformatics: Microcircuits and Neurodegenerative Disease

Marenco LN, Morse TM, Mutalik PG, Migliore M, Cheung KH, Carnevale NT, Hines ML, Miller PL, and Shepherd GM

- The Inverse Current Source Density (iCSD) method: Precise estimation of CSD from multi-electrode recordings with one, two and three dimensional contact grids

Łęski Sz, Pettersen KH, Einevoll GT, Gigg J, Kublik E, Świejkowski DA, Tunstall B, Wróbel A, and Wójcik DK

afternoon (13:30 - 16:30)

- Finding hidden treasures: a related document search for SfN annual meeting abstracts

Usui S, Kamiji NL, Ueda N, and Taniguchi T

- **NEST 2**: A Parallel Simulator for Large Neuronal Networks

Diesmann M, Eppler JM, Gewaltig M-O, Helias M, Morrison A, and Plesser HE

Tuesday, November 18**morning (09:30 - 12:30)**

- INCF Japan Node (J-Node) and neuroinformatics platforms

Usui S, Kokubo T, Akazawa F, and Okumura Y

- Code Analysis, Repository and Modelling for E-Neuroscience (**CARMEN**)

Ingram C and Knowles A

afternoon (13:30 - 16:30)

- Matching spatial with ontological brain entities using the **CoCoMac-Paxinos-3D** tool

Bezgin R, Reid AT, Schubert D, and Kötter R

- Program for Ontologies on Neural Structure (PONS): Stop the chaos!

Martone M, Bowden D, De Schutter E, Heintz N, Ingram C, Kennedy MB, Saper C, Van Essen D, Williams R, Zaboszy L, and Zilles K

- **BrainInfo**: An International Resource for Brain Anatomy hosted by the US Node

Grethe J, Bowden D, and Martone M

Wednesday, November 19**morning (09:30 - 12:30)**

- CRCNS - Collaborative Research in Computational Neuroscience - Data sharing

Teeters J and Sommer F

- The INCF Software Center

Ritz R, Larsson A, Lillberg Y, Chatzopoulou E, Holm P, Naeslund M, Wang H, and Bjaalie JG

afternoon (13:30 - 16:30)

- Open forum discussion

Anyone is welcome to give a spontaneous demonstration

INCF Neuroinformatics Portal
demo throughout the meeting