

NMRbox Workshop

The Scripps Research Institute

May 12, 2017

9am – 5pm

Hazen Theory Building, Ground Level

10640 John J. Hopkins Dr.

San Diego, CA 92121



NMRbox and Applications to Non-Uniform Sampling

Introduction to NMRbox platform and *hands-on* tour of embedded software

- NMRPipe
- RNMRTK
- NMRFAM Sparky
- NMRViewJ
- and much more...

Non-uniform sampling for multidimensional NMR experiments

- schedule generators
- analysis metrics
- non-Fourier reconstruction methods

Registration

- email us at: workshop@nmrbox.org
- limited to 20 participants
- must bring your own computer

What is NMRbox?

NMRbox is a computational platform for NMR developed by the National Center for Biomolecular NMR Data Processing and Analysis, a collaboration among UConn Health, University of Wisconsin, and University of Illinois. The Center is a Biomedical Technology Research Resource (BTRR), supported by the NIH / NIGMS (P41GM111135).

NMRbox consists of:

- Platform A virtual machine (VM) providing pre-configured NMR software
- Data Tools for managing metadata associated with NMR processing
- Analytics A framework for advanced Bayesian analytics

Think inside the box.