



# THE MINNESOTA NMR CENTER

## Advanced NMR Workshop

### **Protein Structure and Dynamics: From Soluble to Membrane-Bound**

*JUNE 20-24, 2016*

#### Workshop Sponsors:



Cambridge Isotope  
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**We hope that you can join us for this multi-dimensional course!**

Attendees will have the opportunity to learn methods applicable to both soluble and membrane-bound proteins. Graduate students and postdoctoral associates will have an opportunity to familiarize themselves with state-of-the-art techniques in solution NMR spectroscopy.

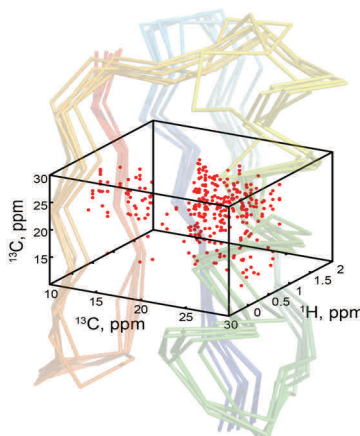
An introduction to solid-state NMR methods will also be given, as well as a chance to apply techniques learned to membrane-bound proteins. Lectures will be given by UMN professors and NMR staff as well as guest speakers from other institutions, including:

**Prof. Marco Tonelli** (NMRFAM, University of WI-Madison)

**Prof. Ayyalusamy Ramamoorthy** (University of Michigan)

**Prof. Nikolaos Sgourakis** (University of California-Santa Cruz)

**Prof. Giuseppe Melacini** (McMaster University)



**For more details and registration information, visit:**

**[www.umn.edu/nmr/workshop/adv\\_protein.html](http://www.umn.edu/nmr/workshop/adv_protein.html)**

**or e-mail [tmclane@umn.edu](mailto:tmclane@umn.edu)**

**Registration is now open!**

**\*REGISTRATION DEADLINE IS MAY 25, 2016\***