



April 23rd AM (10-12) **Longwood Center 6th Floor**

Lecture 1: Getting started with computing NMR parameters.

Lecture 2: Getting started with NMR simulations.

April 23rd PM (2-4) **Longwood Center 6th Floor**

Lecture 3: What is Spinach and what does it do?

Lecture 4: Pulse Sequence Modeling using Spinach

April 24th AM(10-12) **Longwood Center 6th Floor**

Lecture 5: Introduction to Redfield relaxation theory.

Lecture 6: Spin state classification and relaxation properties.

April 24th PM(2-4) **Countway L2-025 Computer Lab***

Practical 1: Comparing ¹H-¹⁹F HOESY and ¹⁹F-¹H HOESY.

April 25th AM(10-12) **Longwood Center 6th Floor**

Lecture 7: Simulating small molecules

Lecture 8: Simulating biomolecules.

April 24th PM(2-4) **Countway L2-025 Computer Lab***

Practical 2: DD-CSA cross-correlation and TROSY.

* Limited seating available

If interested please email hari@hms.harvard.edu