Date: March 30, 2005 Wednesday
Place: B1B Lecture Room, IBMS, Academia Sinica, Taipei
Title: Advanced NMR Topics for Experienced Users

Tentative Course Content
09:00-10:30  Concepts on protein triple resonance experiments by Dr. Wen-Jen Wu
  • R.F pulse field strength, shaped pulse, decoupling
  • Water suppression
  • Constant time HSQC
  • TROSY type experiments
  • Deuterium decoupling
  • Discussion

10:40-12:00  Parameters set up for 2D/3D using Xwinnmr by Dr. Chi-Fon Chang
  • General concept for 2D/3D experiment
  • Pulse calibration for decoupled channel
  • Shape pulse calibration
  • Other parameters from pulse program
  • Discussion

14:00 ---  Hands On --- Operation in Core Facility (Tsun-Ai Yu & Pei-Ju Fang)
  • Pulse calibration for 13C & 15N (& 2H) in decoupled channel
  • Shape pulse calibration for 13C
  • Experiment set up using "rpar"
  • Experiment set up from scratch

On-line Registration:
Registration Deadline: 03/23/2005
Contact Person: Miss Chen, Hong-Chin (陳紅錦) chin@ibms.sinica.edu.tw or 2789-9047