

## **2008 NMR Users Training Course**

### **Software for NMR research - Application using Discovery Studio**

High-Field NMR Center, NRPGM  
03/11/2008

**Date: March 11, 2008 Tuesday**

#### **Part I: Lectures**

**Place: B1B Lecture Room, IBMS, Academia Sinica, Taipei**

- 10:00-10:50 Basic of Biomolecular NMR and New Software (Topspin2.1) in HFNMR by Dr. Chi-Fon Chang (Manager, HFNMR)
- 11:00-11:50 Discovery Studio – overview by Mr. Albert Lin (Senior Specialist, Molecular Scientific Co.,Ltd.)

**Part II: Hands-On** by specialist from Molecular Scientific Co.,Ltd

**Place: B1A Meeting Room, IBMS, Academia Sinica, Taipei**

(上機課程無人數限制，但參加者請自行準備 **notebook** 並由 Molecular Scientific Co., Ltd 協助安裝試用版之 **Discovery Studio**. Please check <http://accelrys.com/products/discovery-studio/technical-requirements-20.html> for hardware requirement)

10:00-12:00 Install Discovery Studio

13:30- Hands on for Discovery Studio (case studies)

- Basic features in Discovery Studio
- Molecular modeling based on NMR experiment data/constraints
- Protein-Ligand ( Protein-DNA, Protein-Protein.....) interaction
- Adding NMR experimental data for Protein-Ligand interaction
- Other applications

**On-line Registration:** <http://www.nmr.sinica.edu.tw/Course/Course20080311/>

**Registration Deadline: 03/07/2007**

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