2011　Schrödinger Workshop

Schrödinger makes significant investments in R&D, which has led to major advances in the field of computational chemistry. It has achieved breakthroughs in quantum chemistry, molecular modeling, force fields, molecular dynamics, protein structure determination, and docking. Today, the predictive power of Schrödinger's software allows scientists to accelerate their research and development activities, reduce research costs, and make novel discoveries that might otherwise not be possible.

台中場 2011.07.20 (三)　　中國醫藥大學 互助大樓 11 樓 11A01 教室
新竹場 2011.07.21 (四) ~ 2011.07.22 (五)　清華大學 生科 2 館電腦教室

20, July, 2011　Day 1 (Taichung)	
10:00 ~ 11:00	Introduction to the Schrodinger Suite
11:00 ~ 12:00	What's new in Schrodinger Suite 2011, including a live demonstration of the Maestro interface
12:00 ~ 13:00	*Lunch*
13:00 ~ 15:00	Structure-based drug design with Glide, IFD, and VSW*
15:00 ~ 15:15	*Break*
15:15 ~ 17:00	Ligand-based drug design and QSAR with Phase, E-pharmacophores, and QSAR*
21, July, 2011　Day 1 (Hsinchu)	
10:00 ~ 11:00	Introduction to the Schrodinger Suite
11:00 ~ 12:00	Structure-based drug design
12:00 ~ 13:00	*Lunch*
13:00 ~ 14:00	Hands-on workshop: Target prepartion
14:00 ~ 15:00	Hands-on workshop: Grid generation and self-docking
15:00 ~ 15:15	*Break*
15:15 ~ 16:15	Live demo: Virtual screening workflow; Induced Fit Docking
16:15 ~ 17:00	One-on-one questions and individual training
22, July, 2011　Day 2 (Hsinchu)	
10:00 ~ 11:00	"How do I do that?" Questions from a real user
11:00 ~ 12:00	Live demo: R-group analysis and Canvas
12:00 ~ 13:00	*Lunch*
13:00 ~ 15:00	Ligand-based drug design and QSAR with Phase (Presentation and hands-on workshop)
15:00 ~ 15:15	*Break*
15:15 ~ 17:00	E-pharmacophores (Presentation and hands-on workshop)