



5th AONSA Neutron School

23 – 28 October 2012

CIAE, Beijing, China

Tuesday, 23 October (*Registration, lobby of Chemistry Building, Peking University*)

8:00-20:00 Arrival (Lobby)

18:30 Reception

Wednesday 24 October

(Morning: Chemistry building A204, Peking University)

9:00 Welcome (Prof. Dongfeng Chen)

9:10 Introduction (Prof. Dingsheng WANG & Prof. Hesheng CHEN)

9:30 Take photos

10:00 General introduction to neutron scattering 1 Prof. Wen-Hsien Li

Introduction of neutron scattering theory and method

11:00 General introduction to neutron scattering 2 Prof. Shane Kennedy

Introduction of neutron scattering facilities

12:00 Lunch

(Afternoon: Chemistry building A717)

13:30 Data analysis

15:30 Break

16:00 Data analysis

18:30 Dinner

Thursday 25 October

(Morning: Chemistry building A204, Peking University)

8:30 China Spallation Neutron Source Prof. Hesheng CHEN

9:05 Powder neutron diffraction applied to inorganic chemistry Prof. Jianhua LIN

9:40 Neutron scattering instruments at CARR and their applications Prof. Dongfeng CHEN

10:15 Break

10:45 Inelastic neutron-scattering applied to condensed matter physics Prof. Wei BAO

11:20 Powder neutron diffraction studies of magnetic materials Prof. Jinbo YANG

11:55 Neutron Reflectometer and its applications Prof. Yuntao LIU

12:30 Lunch

13:30 Visit China Advanced Research Reactor and Beijing Synchrotron Radiation Facility

18:30 Dinner

Friday 26 October

(Morning: Chemistry building A204, Peking University)

8:30 Industry application of neutron scattering **Dr. Wanchuck Woo**

9:05 Neutron and X-ray diffraction applied to materials chemistry **Prof. Chris Ling**

9:40 Neutron reflectivity studies of magnetic and superconductor thin films **Prof. Hsiung Chou**

10:15 Break

10:45 Neutron scattering studies of magnetic materials **Prof. Jae-Ho Chung**

11:20 Small angle neutron scattering and its application on polymers **Prof. Mitsuhiro Shibayama**

11:55 Spin echo neutron scattering and its application on soft condensed matter **Prof. Hideki Seto**

12:30

12:30 Lunch

(Afternoon: Chemistry building A717)

13:30 Data analysis

15:30 Break

16:00 Data analysis

18:30 Dinner

15:00-18 :00 Director Meeting (Chemistry building A205, Peking University)

Saturday 27 October

(Morning: Chemistry building A717, Peking University)

8:30 Group Presentation

12:00 Lunch

13:00 Sightseeing, the Great Wall

18:30 Dinner

9:00-17:00 AONSA-EC Meeting (Chemistry building A205, Peking University)

Sunday 28 October

Departure