



Course topics	類別	時數	講員	單位
<b>Basic course</b>		21		
Introduction to Particle Accelerators	B1	3	張闖	IHEP
Synchrotron Radiation	B2	3	姜伯承	SINAP
Transverse Dynamics	B3	3	黃森林	PKU
Longitudinal Dynamics	B4	3	劉偉強	NSRRC
Impedance and Collective Effects	B5	3	徐剛	IHEP
FEL principle	B6	3	鄧海嘯	SINAP
Lattice Design	B7	3	郭錦城/黃小彪	NSRRC/SLAC
<b>Technical course</b>		28		
RF Technology	T1	2	王兆恩	NSRRC
Electron Source & linac accelerator	T2	2	唐傳祥	Beijing Tsinghua
Beam Diagnostics	T3	2	孫葆根	USTC
Vacuum system	T4	2	詹哲鎧	NSRRC
Insertion Device	T5	2	鍾廷翊	NSRRC
Beam Control	T6	2	郭長和	NSRRC
Magnet Technology	T7	2	詹智全	NSRRC
Injection and Extraction	T8	2	原有進	IMP
Beamline technology	T9	2	張國斌	USTC
Cryogenics System	T10	2	蔡黃修	NSRRC
RFQ design	T11	2	傅世年	IHEP
Power Supply	T12	2	龍鋒利	IHEP
Radiation Protection	T13	2	劉志青	NSRRC
Mechanics and Survey	T14	2	曾澤川	NSRRC
Accelerator application		6		
Accelerator technology application	A1	2	陳懷璧	Beijing Tsinghua
Heavy ion accelerator and electron cooling	A2	2	冒立軍	IMP
Accelerator design of carbon therapy	A3	2	原有進	IMP
<b>Seminars</b>		7		
Overview of accelerators in NSRRC	S1	1	羅國輝	NSRRC
Hefei Advanced Light Source (HALS)	S2	1	白正賀	USTC
High Energy Photon Source (HEPS)	S3	1	焦毅	IHEP
THz & VUV FEL in NSRRC	S4	1	劉偉強	NSRRC
Science of VUV FEL facility in Dalian	S5	1	張未卿	DICP
Overall of Shanghai FEL project	S6	1	邵仁忠/趙振堂	SINAP
SSRF Phase-II Beamline	S7	1	邵仁忠	SINAP
NSRRC accelerator tour		2		
Examination	E	3		
<b>Total</b>		67		