

國家同步輻射研究中心 光束線使用時程 (TPS Schedule for NSRRC Beamline)

期別：2018-1

期間：2018/01/01 ~ 05/05

總時段數: 165 shifts

光束線： TPS 21A X-ray Nanodiffraction

發言人： 古慶順

經理： 邱上睿

類別： 0：Proposal Evaluation Committee 1：Contract Beamline 2：Spokesperson 3：Beamline Maintenance & Study 6：Industrial Application 7：Directorate Discretion
8：Training Course 10：Beamline Commission 11：National Project

時段數：時間單位，以用戶使用8小時為1時段計算

計畫領域： 01：Atomic and Molecular 02：Surface, Interface and Thin Films 03：Condensed Matter Physics 04：Materials Sciences
05：Chemistry 06：Soft Matter 07：Protein Crystallography 08：Environmental and Earth Science
09：Methodology and Instrumentation 10：Nanofabrication 11：Applied and Industrial Research 12：Others

TPS 21A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/02/27 09:00	2018/03/01 09:00	6	12	21A commissioning
TPS 21A	2018-1-171-1	范國華	哈爾濱工業大學材料科學與工程學院	0	2018/03/01 09:00	2018/03/03 09:00	6	4	Investigation of the relationship between dislocation distribution evolution and deformation behavior in different laminated composites
TPS 21A	2017-2-087-3	Cui, Yongtao	University of California, Riverside (UCR), Division of Physical and Mathematical Sciences, Departments of Physics and Astronomy	0	2018/03/03 09:00	2018/03/04 09:00	3	3	Investigation of domain structures in a 2D topological insulator monolayer WTe ₂
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/03/04 09:00	2018/03/05 09:00	3	12	21A commissioning
TPS 21A	2017-1-417-4	陳凱	西安交通大學材料科學與工程學院	0	2018/03/05 09:00	2018/03/07 09:00	6	4	Investigation of the microstructures and mechanical properties of 3D printed Ni-based superalloy
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/03/07 09:00	2018/03/08 09:00	3	12	21A commissioning
TPS 21A	2017-1-269-4	羅光耀	國立成功大學物理系	0	2018/03/08 09:00	2018/03/09 09:00	3	4	The structure evolution and of Zn dot coherently grown on varied Si(111): (1) the correlation between Zn atoms stack and Si (111) surface, (2).The relaxation due to thermal annealing.
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/03/09 09:00	2018/03/14 09:00	6	12	21A commissioning
TPS 21A	2017-2-255-3	宋聖榮	國立台灣大學地質學系	0	2018/03/14 09:00	2018/03/15 09:00	3	8	Graphitization and Melting in the Principal Slip Zones of 2008 Wenchuan earthquake Faults -1
TPS 21A	2017-1-419-4	郭力維	國立中央大學地球科學學系	0	2018/03/15 09:00	2018/03/16 09:00	3	8	Inferring seismic fault processes using an integrated field and laboratory approach-1/3
TPS 21A	2017-1-622-4	梁碧清	國立成功大學地科系	0	2018/03/16 09:00	2018/03/17 09:00	3	8	Black Carbon Sequestration mechanism and physical protection by submicron minerals in soils
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/03/17 09:00	2018/03/19 09:00	6	12	21A commissioning

TPS 21A	計畫編號	計畫主持人	單位	類別	起始日期	結束日期	時段數	計畫領域	計畫名稱
TPS 21A	2018-1-198-1	吳子嘉	國立中央大學化學工程與材料工程學系	0	2018/03/19 09:00	2018/03/21 09:00	6	4	Synchrotron Radiation X-Ray Measurement of Orientation Relationship between Sn whiskers and Sn Films.
TPS 21A	2017-1-338-4	林士剛	國立成功大學材料系	0	2018/03/21 09:00	2018/03/22 09:00	3	4	On the lattice stability of alloys and metal under electric current-I
TPS 21A	2017-1-410-4	王復民	國立台灣科技大學工程技術研究所	0	2018/03/22 09:00	2018/03/23 09:00	3	4	Study on Polymerization Reaction Mechanism of BMI/BTA on Li-Rich Cathode Material using Electrochemical and Synchrotron Radiation
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/03/23 09:00	2018/03/28 09:00	6	12	21A commissioning
TPS 21A	2017-2-016-3	黃怡禎	Center for High Pressure Science & Technology Advanced Research (HPSTAR)	0	2018/03/28 09:00	2018/03/30 09:00	6	8	Diffraction Studies of Nano-sized Minerals from Xiuyan Crater, Liaonin, China
TPS 21A	2017-1-590-4	林志明	國立清華大學(南大校區)應用科學系	0	2018/03/30 09:00	2018/03/31 09:00	3	4	Structural transitions in CoCrFeMnNi high entropy alloy under high pressure analyzed by in-situ angle-dispersive X-ray diffraction
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/03/31 09:00	2018/04/02 09:00	6	12	21A commissioning
TPS 21A	2017-1-031-4	黃炳照	國立台灣科技大學化工系	0	2018/04/02 09:00	2018/04/04 09:00	6	4	Development of in Operando X-ray techniques for energy materials: Unraveling electronic transition, structural evolution, and catalytic reaction mechanisms
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/04/04 09:00	2018/04/05 09:00	3	12	21A commissioning
TPS 21A	2017-1-304-4	劉恒睿	國立中興大學材料系	0	2018/04/05 09:00	2018/04/07 09:00	6	4	Structural study of complex oxide heterostructures on their strain-mediated functionalities
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/04/10 09:00	2018/04/11 09:00	3	12	21A commissioning
TPS 21A	2017-1-568-4	黃榮俊	國立成功大學物理系	0	2018/04/11 09:00	2018/04/13 09:00	6	4	Copper(I) oxide as a semi-transparent electrode for bifacial perovskite solar cell
TPS 21A	2017-1-652-4	黃爾文	國立交通大學材料科學與工程系所	0	2018/04/13 09:00	2018/04/14 09:00	3	4	Complimentary Transmission X-Ray Microscope & X-ray Nanodiffraction for Multi-scale Mapping to Examine Additive Manufacturing/3D Printing Metallic Biomimetic Pedicle Screw System
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/04/14 09:00	2018/04/25 09:00	24	12	21A commissioning
TPS 21A	2017-3-304-2	鄭修偉	Technical University of Vienna, Institute of Applied Physics	0	2018/04/25 09:00	2018/04/27 09:00	6	2	Experimental study of electrochemical corrosion in nanoscale confined geometries
TPS 21A	2017-1-619-4	古慶順	NSRRC	10	2018/04/27 09:00	2018/05/05 09:00	24	12	21A commissioning

21A PEC: 75 Shifts (45.5%) COM: 90 Shifts (54.5%)

發言人： 21A _____ Approved by: _____