

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

期別：2019-1

期間：2019/01/01 ~ 05/13

總時段數: 198 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	2019-1-075-1	古慶順	NSRRC	10	2019/02/19 09:00	2019/02/20 09:00	3	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2019-1-113-1	陳智	國立交通大學材料科學與工程系所	0	2019/02/20 09:00	2019/02/22 09:00	6	4	Stress Study for Inner Mechanism Realization on Grain Growth Nano-twin Cu Thin Film and Induce Crack in RDL Thermal Cycling Test
TPS 21A	2018-2-193-3	何政恩	元智大學化學工程與材料科學學系	0	2019/02/22 09:00	2019/02/24 09:00	6	4	Formation Mechanism and Stress Relaxation of Nanotwinned Cu
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/02/24 09:00	2019/03/06 09:00	21	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2017-2-016-6	黃怡禎	Center for High Pressure Science & Technology Advanced Research, Shanghai (HPSTAR, Shanghai)	0	2019/03/06 09:00	2019/03/08 09:00	6	8	Diffraction Studies of Nano-sized Minerals from Xiuyan Crater, Liaonin, China
TPS 21A	2018-2-155-3	Lin, Jung-Fu	The Univ. of Texas at Austin, Jackson School of Geosciences, Dept. of Geological Sciences	0	2019/03/08 09:00	2019/03/10 09:00	6	8	Diffraction Studies of Nano-inclusions in diamonds from Brazil
TPS 21A	2019-1-233-1	陳志強	Center for High Pressure Science & Technology Advanced Research, Shanghai (HPSTAR, Shanghai)	0	2019/03/10 09:00	2019/03/12 09:00	6	4	Abnormal Grain Growth of Nickel under Cyclic Heating Treatment
TPS 21A	2018-1-233-4	王俊杰	NSRRC	0	2019/03/12 09:00	2019/03/13 09:00	3	4	Deformation Mechanism of High-Entropy Alloys Studied Using Synchrotron Facilities
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/03/13 09:00	2019/03/20 09:00	12	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2019-1-246-1	黃炳照	國立台灣科技大學化工系	0	2019/03/20 09:00	2019/03/21 09:00	3	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials

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	2019-1-400-1	陳凱	西安交通大學材料科學與工程學院	0	2019/03/21 09:00	2019/03/23 09:00	6	4	In-situ thermo-mechanical induced microstructure evolution of 3D-printed Ni-based superalloy single crystals
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/03/23 09:00	2019/03/26 09:00	9	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2017-2-087-6	Cui, Yongtao	University of California, Riverside (UCR), Division of Physical and Mathematical Sciences, Departments of Physics and Astronomy	0	2019/03/26 09:00	2019/03/27 09:00	3	3	Investigation of domain structures in a 2D topological insulator monolayer WTe2
TPS 21A	2019-1-258-1	郭瑞年	國立清華大學物理系	0	2019/03/27 09:00	2019/03/29 09:00	6	2	Investigation of the topological phase of alpha-Sn thin films
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/03/29 09:00	2019/04/08 09:00	21	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2019-1-009-1	范國華	哈爾濱工業大學材料科學與工程學院	0	2019/04/08 09:00	2019/04/10 09:00	6	4	Dislocation distribution evolution during tensile deformation of Ti/Ti laminates using synchrotron X-ray Laue microdiffraction
TPS 21A	2019-1-229-1	徐超	哈爾濱工業大學材料科學與工程學院	0	2019/04/10 09:00	2019/04/12 09:00	6	4	Investigation of the relationship between dislocation distribution evolution and deformation behavior in heterogeneous laminated aluminum with different thickness ratios.
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/04/12 09:00	2019/04/18 09:00	9	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2018-3-098-2	曾院介	國立交通大學材料科學與工程系所	0	2019/04/18 09:00	2019/04/19 09:00	3	2	Probing phase-transition in HfZrO2 Ferroelectric Capacitors
TPS 21A	2019-1-287-1	黃爾文	國立交通大學材料科學與工程系所	0	2019/04/19 09:00	2019/04/20 09:00	3	4	Vacancy & Temperature-dependent Investigations for Additive-Manufacturing Advanced Alloys
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/04/20 09:00	2019/04/22 09:00	6	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2018-3-231-2	郭瑞年	國立清華大學物理系	0	2019/04/22 09:00	2019/04/24 09:00	6	2	Structural and Strain Analysis of Thulium Iron Garnet Thin Films Grown on Garnet Substrates
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/04/24 09:00	2019/04/26 09:00	6	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2019-1-384-1	吳恆良	國立台灣大學凝態科學研究中心	0	2019/04/26 09:00	2019/04/27 09:00	3	2	The Effect of Cosolvent and Carbon Materials on Lithium-Sulfur Batteries and Advanced Li-ion Batteries
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/04/30 09:00	2019/05/02 09:00	6	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation

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	2019-1-148-1	郭力維	國立中央大學地球科學學系	0	2019/05/02 09:00	2019/05/04 09:00	6	8	Deciphering fault rocks of brittle to semi-brittle deformation: field and laboratory constraints
TPS 21A	2019-1-075-1	古慶順	NSRRC	10	2019/05/04 09:00	2019/05/09 09:00	15	4	Commissioning for X-ray Nanodiffraction Beamline & Endstation
TPS 21A	2018-2-052-3	鄭修偉	Technical University of Vienna, Institute of Applied Physics	0	2019/05/09 09:00	2019/05/11 09:00	6	4	Corrosion Inhibition Mechanism study of Mo doped Ni based alloys and noble metals in nanoscale confined geometries

21A      PEC: 90 Shifts (45.5%)      COM: 108 Shifts (54.5%)

發言人：      21A \_\_\_\_\_      Approved by: \_\_\_\_\_