

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

期別：2019-2

期間：2019/05/07 ~ 08/31

總時段數: 216 shifts

光束線： TLS 01B1 SWLS - X-ray Microscopy (PRT 75%)

發言人： 湯茂竹

經理： 王俊杰

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

TLS 01B1	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
TLS 01B1	2019-1-295-2	王俊杰	NSRRC	2	2019/05/07 09:00	2019/05/09 09:00	6	4	3D Structures of Material and Biological Samples Studied using Synchrotron Techniques
TLS 01B1	2018-3-266-3	林彥谷	NSRRC	0	2019/05/09 09:00	2019/05/11 09:00	6	5	Probing Electrochemical/Photoelectrochemical Reactions under In-situ/Operando Condition
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/05/11 09:00	2019/05/12 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-2-101-1	林日白	國立台灣大學地質學系	0	2019/05/13 09:00	2019/05/15 09:00	6	8	Secondary Calcification and Silicification of Fossil Echinoderms Revealed by Raman Spectroscopy and Synchrotron-based Fourier Transform Infrared Microspectroscopy
TLS 01B1	2019-1-113-2	陳智	國立交通大學材料科學與工程系所	0	2019/05/15 09:00	2019/05/17 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
TLS 01B1	2019-1-287-2	黃爾文	國立交通大學材料科學與工程系所	0	2019/05/17 09:00	2019/05/19 09:00	6	4	Vacancy & Temperature-dependent Investigations for Additive-Manufacturing Advanced Alloys
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/05/19 09:00	2019/05/20 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-1-246-2	黃炳照	國立台灣科技大學化工系	0	2019/06/04 09:00	2019/06/08 09:00	12	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/06/08 09:00	2019/06/09 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-1-295-2	王俊杰	NSRRC	2	2019/06/10 09:00	2019/06/12 09:00	6	4	3D Structures of Material and Biological Samples Studied using Synchrotron Techniques

TLS 01B1	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
TLS 01B1	2019-1-384-2	吳恆良	國立台灣大學凝態科學研究中心	0	2019/06/12 09:00	2019/06/16 09:00	12	2	The Effect of Cosolvent and Carbon Materials on Lithium-Sulfur Batteries and Advanced Li-ion Batteries
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/06/16 09:00	2019/06/17 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-1-297-2	王俊杰	NSRRC	3	2019/06/18 09:00	2019/06/20 09:00	6	9	BL01B1 Transmission X-ray Microscope Maintenance and Development
TLS 01B1	2019-1-287-2	黃爾文	國立交通大學材料科學與工程系所	0	2019/06/20 09:00	2019/06/22 09:00	6	4	Vacancy & Temperature-dependent Investigations for Additive-Manufacturing Advanced Alloys
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/06/22 09:00	2019/06/23 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-2-165-1	林耀東	國立中興大學土壤環境科學系	0	2019/06/24 09:00	2019/06/26 09:00	6	8	3D nanoscale imaging of photocatalytic-inactivated microorganisms using transmission X-ray microscopy
TLS 01B1	2019-1-409-2	莊偉綜	NSRRC	2	2019/06/26 09:00	2019/06/28 09:00	6	5	Organometal Halide Perovskite and Cross-Linkable Fullerene Blended High-Performance Bulk Heterojunction Solar Cells (II)
TLS 01B1	2019-2-173-1	光源產業應用小組	NSRRC	6	2019/06/28 09:00	2019/06/30 09:00	6	11	Polymer-related industrial entrusted research projects and prior examination
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/06/30 09:00	2019/07/01 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-1-029-2	吳乃立	國立台灣大學化工系	0	2019/07/02 09:00	2019/07/06 09:00	12	4	Study on microstructural transformation of working alloys anode particles for Na-ion batteries by in situ transmission x-ray microscopy (2019)
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/07/06 09:00	2019/07/07 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-1-297-2	王俊杰	NSRRC	3	2019/07/08 09:00	2019/07/09 09:00	3	9	BL01B1 Transmission X-ray Microscope Maintenance and Development
TLS 01B1	2019-2-138-1	宋艷芳	NSRRC	2	2019/07/09 09:00	2019/07/11 09:00	6	12	Investigation of Neurodegenerative Diseases by X-ray Microscopy
TLS 01B1	2018-3-090-3	劉如熹	國立台灣大學化學系	0	2019/07/11 09:00	2019/07/14 09:00	9	5	Systematic Understanding of Material Properties for Their Applications in Energy Storage and Light Conversion Using Synchrotron Radiation
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/07/14 09:00	2019/07/15 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2018-3-266-3	林彥谷	NSRRC	0	2019/07/16 09:00	2019/07/17 09:00	3	5	Probing Electrochemical/Photoelectrochemical Reactions under In-situ/Operando Condition

TLS 01B1	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
TLS 01B1	2019-2-095-1	王復民	國立台灣科技大學應用科技研究所	0	2019/07/17 09:00	2019/07/20 09:00	9	4	High energy density and high capacity Silicon anode material
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/07/20 09:00	2019/07/21 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2018-1-233-5	王俊杰	NSRRC	0	2019/07/22 09:00	2019/07/24 09:00	6	4	Deformation Mechanism of High-Entropy Alloys Studied Using Synchrotron Facilities
TLS 01B1	2019-1-396-2	陳翰儀	國立清華大學材料科學工程學系	0	2019/07/24 09:00	2019/07/28 09:00	12	2	In-situ X-ray Absorption, X-ray Diffraction, and transmission X-ray microscopy studies of metal oxide electrodes for lithium ion batteries, sodium ion batteries, and supercapacitors-Part 3
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/07/28 09:00	2019/07/29 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2019-1-328-2	梁碧清	國立成功大學地科系	0	2019/07/30 09:00	2019/08/01 09:00	6	8	In-situ Evidence of Black Carbon Stabilization by Organo-Mineral Interaction
TLS 01B1	2018-1-233-5	王俊杰	NSRRC	0	2019/08/01 09:00	2019/08/03 09:00	6	4	Deformation Mechanism of High-Entropy Alloys Studied Using Synchrotron Facilities
TLS 01B1	2019-1-077-2	胡宇光	中央研究院物理所	1	2019/08/03 09:00	2019/08/04 09:00	3	9	Investigating 3D neurovasculature of glioma by high-resolution X-ray microscopy
TLS 01B1	2018-3-278-3	周祐民	南方科技大學海洋科學與工程系	0	2019/08/05 09:00	2019/08/08 09:00	9	8	Synchrotron Radiation Transmission X-ray Microscopic Tomography on Bulk Sediment Samples across the Paleocene/Eocene Boundary Recorded in an Atlantic Coastal Plain Core from New Jersey: Are the Magnetic Nanoparticles Impact Condensates or Magnetosomes?
TLS 01B1	2019-2-138-1	宋艷芳	NSRRC	2	2019/08/08 09:00	2019/08/10 09:00	6	12	Investigation of Neurodegenerative Diseases by X-ray Microscopy
TLS 01B1	2018-1-076-5	李立仁	國立台灣大學醫學院	0	2019/08/10 09:00	2019/08/12 09:00	6	12	Pathogenesis, Prevention and Treatment of Neurodegenerative Diseases

01B1 PEC: 138 Shifts (63.9%)

CB: 33 Shifts (15.3%)

SPK: 30 Shifts (13.9%)

M&S: 9 Shifts (4.2%)

IA: 6 Shifts (2.8%)