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

期別：2019-1
期間：2019/01/01 ~ 05/06
總時段數: 198 shifts

光束線：	TLS 16A1 BM - Tender X-ray Absorption, Diffraction	發言人：	詹丁山	經理：	羅子嘉

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 16A1	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 16A1	2019-1-263-1	馮學深	NSRRC	2	2019/02/19 09:00	2019/02/25 09:00	18	9	Multilayer optical element measurement for the 2,000 - 3,000 eV spectral range
TLS 16A1	2019-1-001-1	詹丁山	NSRRC	2	2019/02/26 09:00	2019/02/27 09:00	3	5	Application and electronic structure of high-porosity carbon supercapacitor derived from biomass waste protein foam
TLS 16A1	2018-1-095-4	林麗瓊	國立台灣大學凝態科學研究中心	0	2019/02/27 09:00	2019/03/01 09:00	6	4	In-situ X-ray Spectroscopic Studies on 2D-related Nanomaterials and Their Hybrids in Green Energy Applications
TLS 16A1	2019-1-163-1	曾院介	國立交通大學材料科學與工程系所	0	2019/03/01 09:00	2019/03/04 09:00	9	2	Reliability Study of Negative Capacitance Field-effect Transistors by In-situ X-Ray Techniques
TLS 16A1	2019-1-017-1	鄭淑芬	國立台灣大學化學系	0	2019/03/04 09:00	2019/03/05 09:00	3	5	To Investigate the Influence of pre-treatment on the chemical properties of Ag/CeO2 catalysts by X-ray Absorption Spectroscopy
TLS 16A1	2019-1-022-1	羅凱尹	國立台灣大學農化系 (所)	0	2019/03/05 09:00	2019/03/06 09:00	3	8	Development of methods for recovery of phosphorus from chicken manures and assessing its applications in agriculture
TLS 16A1	2019-1-302-1	施養信	國立台灣大學農化系 (所)	0	2019/03/06 09:00	2019/03/07 09:00	3	8	The synthesis and characterization of bimetallic zerovalent metal nanoparticles and the application and mechanism for removing organic compounds in the subsurface
TLS 16A1	2019-1-172-1	羅光耀	國立成功大學物理系	0	2019/03/07 09:00	2019/03/08 09:00	3	4	Optical and electrical properties of pulse laser annealed MoS2: the correlation between electrical properties and separation of MoS2 bilayer
TLS 16A1	2019-1-238-1	葉國楨	中央研究院農業生物科技研究中心	0	2019/03/08 09:00	2019/03/09 09:00	3	8	Use of synchrotron-based techniques to elucidate Indium uptake and metabolism in Arabidopsis thaliana

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TLS 16A1	2019-1-128-1	林彥谷	NSRRC	0	2019/03/09 09:00	2019/03/10 09:00	3	5	Probing the interfacial properties of semiconductor hybrids for green energy applications
TLS 16A1	2019-1-151-1	光源產業應用小組	NSRRC	6	2019/03/12 09:00	2019/03/13 09:00	3	11	Synchrotron study of semiconductor thin-film materials (V-3)
TLS 16A1	2019-1-014-1	Hashimoto, Yohei	Tokyo University of Agriculture and Technology (TUAT), Faculty of Agriculture	0	2019/03/13 09:00	2019/03/14 09:00	3	8	Chemical Speciation of Vanadium in Soils
TLS 16A1	2019-1-367-1	Gautam, Sanjeev	Panjab University Chandigarh	0	2019/03/14 09:00	2019/03/15 09:00	3	3	XAS/XMCD investigations of Cr3+ substituted Cu-Zn doped-Co ferrospinels (MFe2O4-type)
TLS 16A1	2019-1-175-1	劉恒睿	國立中興大學材料系	0	2019/03/15 09:00	2019/03/16 09:00	3	4	Investigation of lattice and electronic structures of low dimensional oxide hterstostructures or nanocrystals for solar harvesting applications.
TLS 16A1	2019-1-381-1	許益瑞	國立台北科技大學分子科學與工程系	0	2019/03/16 09:00	2019/03/18 09:00	6	5	In-situ study on the synthesis of photo luminescence compound by metal catalysts
TLS 16A1	2019-1-215-1	Rinklebe, Joerg	Bergische Universität Wuppertal (BUW, University of Wuppertal), LuFG Wasserwirtschaft und Wasserbau (Institute of Foundation, Waste and Water Engineering)	0	2019/03/18 09:00	2019/03/20 09:00	6	8	Redox-induced speciation of phosphorus in arable soils
TLS 16A1	2019-1-171-1	侯拓宏	國立交通大學電子工程學系	0	2019/03/20 09:00	2019/03/21 09:00	3	2	In-operando studied electrically-induced changes in the chemical and electronic structure of the Al:TiO2 active layer of the analog resistive synapse by XAS, part II
TLS 16A1	2018-3-150-2	王復民	國立台灣科技大學應用科技研究所	0	2019/03/21 09:00	2019/03/22 09:00	3	4	In situ/ in operando observations of Ni-rich cathode material of lithium ion battery
TLS 16A1	2019-1-246-1	黃炳照	國立台灣科技大學化工系	0	2019/03/22 09:00	2019/03/24 09:00	6	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 16A1	2019-1-216-1	王丞浩	國立台灣科技大學材料科學與工程學系(所)	0	2019/03/26 09:00	2019/03/27 09:00	3	1	NCKU-National Cheng Kung Headquarters of University Advancement - Hierarchical Green-Energy Materials Research Center-2
TLS 16A1	2019-1-390-1	陳貴賢	中央研究院原分所	0	2019/03/27 09:00	2019/03/29 09:00	6	4	Understanding Highly Efficient Materials for Conversion and Conservation Green Energy Technologies
TLS 16A1	2019-1-182-1	彭維鋒	淡江大學物理系	0	2019/03/29 09:00	2019/03/31 09:00	6	3	Electronic/Atomic Structures, Orbital and Magnetic Properties of the Highly Correlated Electron Systems.

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TLS 16A1	2019-1-226-1	莊程豪	淡江大學物理系	0	2019/03/31 09:00	2019/04/02 09:00	6	4	In-situ X-ray observation for the activated site of metal oxide electrocatalysts
TLS 16A1	2017-3-176-9	林錕松	元智大學化學工程與材料科學學系	0	2019/04/02 09:00	2019/04/03 09:00	3	8	Fine structural characterization of V-Cu-Ni/activated carbon catalysts for chemical conversion of CH3OH/CO2 to DMC by XANES/EXAFS spectroscopy
TLS 16A1	2019-1-286-1	Sun, Xueliang	University of Western Ontario, Department of Mechanical and Materials Engineering	0	2019/04/03 09:00	2019/04/05 09:00	6	4	The Ex situ and Operando XAFS study of Se-doped black phosphorus as anodes for lithium-ion batteries and sodium-ion batteries
TLS 16A1	2019-1-385-1	李志浩	國立清華大學工程及系統科學系	0	2019/04/05 09:00	2019/04/07 09:00	6	2	Photocatalytic CO2 Reduction and optoelectronic studies of SnS2 thin film by using In-plane GIXS and Absorption techniques
TLS 16A1	2017-1-651-9	Zhang, Lian	Monash University, Dept. of Chemical Engineering, Faculty of Engineering	0	2019/04/09 09:00	2019/04/11 09:00	6	8	Clarifying the oxidation state and atomic structure of sulphur on coal fly ash-corroded steel tube surface
TLS 16A1	2019-1-220-1	胡正明	Univ. of California, Berkeley	0	2019/04/11 09:00	2019/04/13 09:00	6	4	Contact Engineering of MoS2 Devices Investigated by Modern X-ray Techniques
TLS 16A1	2019-1-384-1	吳恆良	國立台灣大學凝態科學研究中心	0	2019/04/13 09:00	2019/04/15 09:00	6	2	The Effect of Cosolvent and Carbon Materials on Lithium-Sulfur Batteries and Advanced Li-ion Batteries
TLS 16A1	2019-1-001-1	詹丁山	NSRRC	2	2019/04/15 09:00	2019/04/16 09:00	3	5	Application and electronic structure of high-porosity carbon supercapacitor derived from biomass waste protein foam
TLS 16A1	2019-1-118-1	Hu, Zhiwei	Max-Planck-Gesellschaft, Max Planck Institute for Chemical Physics of Solids (MPI, CPfS)	0	2019/04/16 09:00	2019/04/19 09:00	9	3	The combined soft and hard XAS study on materials with unusual properties
TLS 16A1	2019-1-235-1	劉儷佳	蘇州大學功能納米與軟物質研究院	0	2019/04/19 09:00	2019/04/21 09:00	6	4	Electronic structure study of reduced TiO2 for Catalysis
TLS 16A1	2019-1-322-1	劉沂欣	國立台灣師範大學化學系	0	2019/04/23 09:00	2019/04/24 09:00	3	5	Unraveling of Crystalline Structures in Mesoporous 2D Semiconductors via Synchrotron Radiation Characterizations
TLS 16A1	2018-3-090-2	劉如熹	國立台灣大學化學系	0	2019/04/24 09:00	2019/04/25 09:00	3	5	Systematic Understanding of Material Properties for Their Applications in Energy Storage and Light Conversion Using Synchrotron Radiation
TLS 16A1	2018-3-061-9	景傳勇	中國科學院生態環境研究中心	0	2019/04/25 09:00	2019/04/27 09:00	6	8	The redox transformation of adsorbed antimony: Effect of sulfate-reducing bacteria

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TLS 16A1	2018-1-130-4	劉志	中國科學院上海微系統與信息技術研究所	0	2019/04/27 09:00	2019/04/29 09:00	6	4	In-operando investigation on the enhancing mechanism of sulfur -TiOx/TiC composite electrodes by X-ray absorption spectroscopy
TLS 16A1	2019-1-036-1	李明道	NSRRC	2	2019/04/29 09:00	2019/04/30 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV
TLS 16A1	2019-1-366-1	劉敏	中南大學物理與電子學院	0	2019/04/30 09:00	2019/05/01 09:00	3	4	High-value chemicals via photocatalytic intermediate water splitting with brookite mesoporous single crystals
TLS 16A1	2019-1-403-1	陸現彩	南京大學地球科學與工程學院	0	2019/05/01 09:00	2019/05/03 09:00	6	8	Microgeochemical behaviors of Fe-Mn-C-P in the lake sediments and its environmental consequence
TLS 16A1	2019-1-356-1	劉嘯嵩	中國科學院上海微系統與信息技術研究所	0	2019/05/03 09:00	2019/05/05 09:00	6	4	On the Mechanism of Mg Intercalation and Trapping in Chevrel Phase as Probed by Key Electronic States

16A1 PEC: 168 Shifts (84.8%) SPK: 27 Shifts (13.6%) IA: 3 Shifts (1.5%)

發言人： 16A1 _____ Approved by: _____