

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 20A1 BM - (H-SGM) XAS

發言人： 陳錦明

經理： 何樹智

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 20A1	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 20A1	2019-1-285-1	楊弘敦	國立中山大學物理系	0	2019/02/19 09:00	2019/02/25 09:00	18	3	Exploring the origins of the complex magnetism and multiferroics in the low-dimensional magnetic materials using the synchrotron radiation source
TLS 20A1	2018-3-246-2	楊弘敦	國立中山大學物理系	0	2019/02/26 09:00	2019/02/28 09:00	6	3	CaCu ₃ (Ti _{4-x} Ru _x)O ₁₂ : a new Mott insulator
TLS 20A1	2018-3-118-2	曾院介	國立交通大學材料科學與工程系所	0	2019/02/28 09:00	2019/03/02 09:00	6	2	Realization of dielectric breakdown mechanism of CoFeB/MgO magnetic tunnel junction
TLS 20A1	2019-1-377-1	李志浩	國立清華大學工程及系統科學系	0	2019/03/02 09:00	2019/03/04 09:00	6	2	Provocative Studies of doping effects of organic based thin films and unravel their electronic structure, polymorphism using synchrotron radiations
TLS 20A1	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	2019/03/04 09:00	2019/03/06 09:00	6	4	In-operando investigation on the enhancing mechanism of sulfur -TiO _x /TiC composite electrodes by X-ray absorption spectroscopy
TLS 20A1	2019-1-371-1	劉嘯嵩	中國科學院上海微系統與信息技術研究所	0	2019/03/06 09:00	2019/03/08 09:00	6	4	Pursuing highly efficient transition-metal spinels for oxygen electrocatalysis based on the mechanism study by using X-ray absorption spectroscopy
TLS 20A1	2019-1-303-1	邱昭文	國立高雄大學應用物理系	0	2019/03/08 09:00	2019/03/10 09:00	6	2	Investigate the atomic and electronic structures of resistive switching materials
TLS 20A1	2019-1-132-1	羅光耀	國立成功大學物理系	0	2019/03/12 09:00	2019/03/13 09:00	3	4	Dynamics of the oxidation- reduction of Zn dots inspected by reflective second harmonic generation
TLS 20A1	2019-1-182-1	彭維鋒	淡江大學物理系	0	2019/03/13 09:00	2019/03/19 09:00	18	3	Electronic/Atomic Structures, Orbital and Magnetic Properties of the Highly Correlated Electron Systems.

TLS 20A1	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 20A1	2019-1-253-1	Kandasami, Asokan	University Grants Commission, The Inter University Accelerator Centre	0	2019/03/19 09:00	2019/03/21 09:00	6	3	The investigation on evolution of photocatalytic activity by modifications in structural, optical and electronic properties in low energy nitrogen ion implanted SrTiO3
TLS 20A1	2019-1-108-1	Sun, Baoquan	蘇州大學	0	2019/03/21 09:00	2019/03/23 09:00	6	2	Stability study of perovskite light emitting diodes
TLS 20A1	2019-1-265-1	陳家浩	NSRRC	0	2019/03/23 09:00	2019/03/24 09:00	3	2	Study of thiol molecules grown on bare Si (100) surface
TLS 20A1	2019-1-110-1	Huang, Longbin	The University of Queensland, Sustainable Minerals Institute, Centre for Mined Land Rehabilitation (CMLR)	0	2019/03/26 09:00	2019/03/28 09:00	6	8	Characterising organic carbon forms in newly formed Fe-ore tailing aggregates in the mycorrhizosphere
TLS 20A1	2019-1-240-1	Rose, Andrew	Southern Cross Univeristy, Southern Cross GeoScience	0	2019/03/28 09:00	2019/03/30 09:00	6	11	Changes in phosphorus speciation during (hydro)thermal treatment of solid biowastes
TLS 20A1	2019-1-235-1	劉儷佳	蘇州大學功能納米與軟物質研究院	0	2019/03/30 09:00	2019/04/01 09:00	6	4	Electronic structure study of reduced TiO2 for Catalysis
TLS 20A1	2018-3-252-2	許益瑞	國立台北科技大學分子科學與工程系	0	2019/04/01 09:00	2019/04/03 09:00	6	5	Structure Characterization of coordination complexes with spin transition and luminescence characters by x-ray spectroscopy and powder x-ray diffraction
TLS 20A1	2019-1-195-1	董崇禮	淡江大學物理系	0	2019/04/03 09:00	2019/04/11 09:00	18	4	Interfacial nanostructured engineered photoelectrodes for efficient energy conversion studied with operando x-ray spectroscopy
TLS 20A1	2019-1-384-1	吳恆良	國立台灣大學凝態科學研究中心	0	2019/04/11 09:00	2019/04/12 09:00	3	2	The Effect of Cosolvent and Carbon Materials on Lithium-Sulfur Batteries and Advanced Li-ion Batteries
TLS 20A1	2019-1-226-1	莊程豪	淡江大學物理系	0	2019/04/12 09:00	2019/04/14 09:00	6	4	In-situ X-ray observation for the activated site of metal oxide electrocatalysts
TLS 20A1	2019-1-390-1	陳貴賢	中央研究院原分所	0	2019/04/14 09:00	2019/04/17 09:00	9	4	Understanding Highly Efficient Materials for Conversion and Conservation Green Energy Technologies
TLS 20A1	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	2019/04/17 09:00	2019/04/18 09:00	3	1	NCKU-National Cheng Kung Headquarters of University Advancement - Hierarchical Green-Energy Materials Research Center-2
TLS 20A1	2019-1-128-1	林彥谷	NSRRC	0	2019/04/18 09:00	2019/04/19 09:00	3	5	Probing the interfacial properties of semiconductor hybrids for green energy applications

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TLS 20A1	2018-3-090-2	劉如熹	國立台灣大學化學系	0	2019/04/19 09:00	2019/04/25 09:00	12	5	Systematic Understanding of Material Properties for Their Applications in Energy Storage and Light Conversion Using Synchrotron Radiation
TLS 20A1	2019-1-246-1	黃炳照	國立台灣科技大學化工系	0	2019/04/25 09:00	2019/04/29 09:00	12	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 20A1	2019-1-152-1	王復民	國立台灣科技大學應用科技研究所	0	2019/04/29 09:00	2019/05/01 09:00	6	4	In situ/ in operando observations of Ni-rich cathode material in lithium ion battery
TLS 20A1	2019-1-059-1	杜繼舜	輔仁大學物理系	0	2019/05/01 09:00	2019/05/03 09:00	6	4	Ferroelectric-to-relaxor crossover in bismuth ferrite modified by rare-earth substitution: the role of orbital hybridization
TLS 20A1	2019-1-317-1	孫旭輝	蘇州大學功能納米與軟物質研究院	0	2019/05/03 09:00	2019/05/05 09:00	6	4	In-situ x-ray spectroscopic study of metal phthalocyanine for high selective electrochemical reduction of CO2

20A1 PEC: 198 Shifts (100.0%)

發言人： 20A1 _____ Approved by: _____