

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 07A1 IASW - X-ray Scattering

發言人： 蘇雲良

經理： 翁世璋

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 07A1	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 07A1	2019-1-043-2	翁世璋	NSRRC	3	2019/05/07 09:00	2019/05/08 09:00	3	12	TLS-07A Beamline Maintenance & Study
TLS 07A1	2019-2-243-1	陳錦明	NSRRC	2	2019/05/08 09:00	2019/05/09 09:00	3	3	High-Performance, and Wearable Mn Oxide Supercapacitors With PVA/LiClO4-Urea Based Gel Electrolytes
TLS 07A1	2017-3-256-6	莊偉綜	NSRRC	0	2019/05/09 09:00	2019/05/10 09:00	3	4	Hierarchical structures of nacre-mimetic nanocomposites for flexible supercapacitors
TLS 07A1	2019-1-118-2	Hu, Zhiwei	Max-Planck-Gesellschaft, Max Planck Institute for Chemical Physics of Solids (MPI, CPfS)	0	2019/05/10 09:00	2019/05/12 09:00	6	3	The combined soft and hard XAS study on materials with unusual properties
TLS 07A1	2019-2-061-1	林浩雄	國立台灣大學電機系	0	2019/05/13 09:00	2019/05/14 09:00	3	2	Study on dilute GaAsBi alloy semiconductor and the semi-covalent bonding behavior in Bi crystal
TLS 07A1	2019-1-145-2	張仍奎	國立交通大學材料科學與工程系所	0	2019/05/14 09:00	2019/05/15 09:00	3	4	Investigating reaction mechanisms of battery and supercapacitor materials using synchrotron radiation analysis techniques
TLS 07A1	2018-3-231-3	郭瑞年	國立清華大學物理系	0	2019/05/15 09:00	2019/05/17 09:00	6	2	Structural and Strain Analysis of Thulium Iron Garnet Thin Films Grown on Garnet Substrates
TLS 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/05/17 09:00	2019/05/20 09:00	9	11	Synchrotron study of semiconductor thin-film materials (VI-1)
TLS 07A1	2019-1-043-2	翁世璋	NSRRC	3	2019/06/04 09:00	2019/06/06 09:00	6	12	TLS-07A Beamline Maintenance & Study
TLS 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/06/06 09:00	2019/06/09 09:00	9	11	Synchrotron study of semiconductor thin-film materials (VI-1)
TLS 07A1	2018-2-088-9	Rinklebe, Joerg	Bergische Universität Wuppertal (BUW, University of Wuppertal), School of Architecture and Civil Engineering	0	2019/06/10 09:00	2019/06/11 09:00	3	8	Speciation of As, Cu, and Fe under different redox cycles in biochar-amended soils

TLS 07A1	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 07A1	2019-1-258-2	郭瑞年	國立清華大學物理系	0	2019/06/11 09:00	2019/06/13 09:00	6	2	Investigation of the topological phase of alpha-Sn thin films
TLS 07A1	2019-1-246-2	黃炳照	國立台灣科技大學化工系	0	2019/06/13 09:00	2019/06/15 09:00	6	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 07A1	2019-1-214-2	蘇雲良	NSRRC	2	2019/06/15 09:00	2019/06/19 09:00	9	3	Studies of Catalytic and 2D Materials Using Synchrotron Radiation X-ray Absorption Techniques
TLS 07A1	2019-1-243-2	陳燦耀	國立清華大學工程及系統科學系	0	2019/06/19 09:00	2019/06/20 09:00	3	3	In-situ X-ray absorption / photoemission studies on plasma assisted CO2 conversion on heterogeneous metal-metal oxide catalysts
TLS 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/06/20 09:00	2019/06/23 09:00	9	11	Synchrotron study of semiconductor thin-film materials (VI-1)
TLS 07A1	2019-2-230-1	李志浩	國立清華大學工程及系統科學系	0	2019/06/24 09:00	2019/06/26 09:00	6	4	Understanding the crystal structure & antisite substitution and Secondary phases in Cu2ZnSnSe4 Solar cell absorber detection by applying synchrotron radiation
TLS 07A1	2019-1-408-2	徐嘉鴻	NSRRC	2	2019/06/26 09:00	2019/06/28 09:00	6	2	X-ray scattering of novel thin films materials (II)
TLS 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/06/28 09:00	2019/07/01 09:00	9	11	Synchrotron study of semiconductor thin-film materials (VI-1)
TLS 07A1	2019-1-043-2	翁世璋	NSRRC	3	2019/07/02 09:00	2019/07/03 09:00	3	12	TLS-07A Beamline Maintenance & Study
TLS 07A1	2019-1-394-2	翁世璋	NSRRC	0	2019/07/03 09:00	2019/07/05 09:00	6	3	Resonant Hard X-ray scattering studying of 2D materials and thin film system
TLS 07A1	2019-1-214-2	蘇雲良	NSRRC	2	2019/07/05 09:00	2019/07/07 09:00	6	3	Studies of Catalytic and 2D Materials Using Synchrotron Radiation X-ray Absorption Techniques
TLS 07A1	2019-1-314-2	魯才德	國立清華大學生物醫學工程學系	0	2019/07/08 09:00	2019/07/09 09:00	3	5	Development of NO-delivery Metal Complexes and Materials for X-ray Photodynamic Therapy
TLS 07A1	2019-1-396-2	陳翰儀	國立清華大學材料科學工程學系	0	2019/07/09 09:00	2019/07/10 09:00	3	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 07A1	2018-3-245-3	黃榮俊	國立成功大學物理系	0	2019/07/10 09:00	2019/07/11 09:00	3	3	Probing bulk electronic structure to direct evidence room-temperature ferromagnetism in oxide-diluted magnetic semiconductor
TLS 07A1	2019-1-163-2	曾院介	國立交通大學材料科學與工程系所	0	2019/07/11 09:00	2019/07/12 09:00	3	2	Reliability Study of Negative Capacitance Field-effect Transistors by In-situ X-Ray Techniques

TLS 07A1	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 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/07/12 09:00	2019/07/15 09:00	9	11	Synchrotron study of semiconductor thin-film materials (VI-1)
TLS 07A1	2019-1-214-2	蘇雲良	NSRRC	2	2019/07/16 09:00	2019/07/17 09:00	3	3	Studies of Catalytic and 2D Materials Using Synchrotron Radiation X-ray Absorption Techniques
TLS 07A1	2019-2-243-1	陳錦明	NSRRC	2	2019/07/17 09:00	2019/07/18 09:00	3	3	High-Performance, and Wearable Mn Oxide Supercapacitors With PVA/LiClO4-Urea Based Gel Electrolytes
TLS 07A1	2019-2-126-1	施養信	國立台灣大學農化系(所)	0	2019/07/18 09:00	2019/07/19 09:00	3	8	The synthesis of Fe/Cu bimetallic nanoparticles for the degradation of halogenated compound
TLS 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/07/19 09:00	2019/07/21 09:00	6	11	Synchrotron study of semiconductor thin-film materials (VI-1)
TLS 07A1	2019-1-043-2	翁世璋	NSRRC	3	2019/07/22 09:00	2019/07/23 09:00	3	12	TLS-07A Beamline Maintenance & Study
TLS 07A1	2019-2-044-1	杜昭宏	淡江大學物理系	0	2019/07/23 09:00	2019/07/26 09:00	9	3	Study of the magnetoelectric coupling in the Fe-based double-perovskite YBaCuFeO5
TLS 07A1	2019-1-182-2	彭維鋒	淡江大學物理系	0	2019/07/26 09:00	2019/07/29 09:00	9	3	Electronic/Atomic Structures, Orbital and Magnetic Properties of the Highly Correlated Electron Systems.
TLS 07A1	2019-1-043-2	翁世璋	NSRRC	3	2019/07/30 09:00	2019/07/31 09:00	3	12	TLS-07A Beamline Maintenance & Study
TLS 07A1	2019-1-027-2	張石麟	NSRRC	0	2019/07/31 09:00	2019/08/04 09:00	12	2	X-ray diffraction for back reflection, crystallographic phase, high-resolution X-ray optics with and without time-resolved experiments (I)
TLS 07A1	2019-1-258-2	郭瑞年	國立清華大學物理系	0	2019/08/05 09:00	2019/08/06 09:00	3	2	Investigation of the topological phase of alpha-Sn thin films
TLS 07A1	2019-1-408-2	徐嘉鴻	NSRRC	2	2019/08/06 09:00	2019/08/08 09:00	6	2	X-ray scattering of novel thin films materials (II)
TLS 07A1	2019-1-296-2	張家靖	國立交通大學生物科技學系暨研究所	0	2019/08/08 09:00	2019/08/09 09:00	3	6	Charge transport mechanism analysis of DNA hybrid nickel ions chain by DNA base-pair mismatches and three dimensional structural changes of DNA
TLS 07A1	2019-2-108-1	光源產業應用小組	NSRRC	6	2019/08/09 09:00	2019/08/12 09:00	9	11	Synchrotron study of semiconductor thin-film materials (VI-1)

07A1 PEC: 102 Shifts (47.2%)

SPK: 36 Shifts (16.7%)

M&S: 18 Shifts (8.3%)

IA: 60 Shifts (27.8%)