

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 21A1 U90 - (White Light) Chemical Dynamics (PRT 75%)	發言人：	李世煌	經理：	周弈銘
光束線：	TLS 21A2 U90 - (White Light) Photochemistry	發言人：	吳宇中	經理：	周勝隆
光束線：	TLS 21B1 U90 - (CGM) Angle-Resolved UPS	發言人：	鄭澄懋	經理：	黃自平
光束線：	TLS 21B2 U90 - Gas Phase	發言人：	李英裕	經理：	黃自平

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 21	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 21A2	2019-1-224-2	鄭炳銘	NSRRC	0	2019/05/07 09:00	2019/05/12 09:00	15	1	VUV Photolysis of icy samples
TLS 21A1	2019-1-213-2	李世煌	NSRRC	2	2019/05/13 09:00	2019/05/17 09:00	12	1	Study of Criegee intermediates
TLS 21B1	2019-1-344-2	林秉慧	NSRRC	0	2019/05/17 09:00	2019/05/18 09:00	3	3	The study of emergence of the nematicity in band structure of Fe-based superconductors via static and dynamic angle-resolved photoemission spectroscopy (ARPES).
TLS 21B1	2019-1-266-2	鄭澄懋	NSRRC	3	2019/05/18 09:00	2019/05/20 09:00	6	12	The functional commission of angle-resolved photoemission end station at BL21B1
TLS 21B2	2019-1-255-2	王家蓁	國立中山大學化學系	0	2019/06/04 09:00	2019/06/09 09:00	15	1	Probing the Oxidation and Heterogeneous Reaction of Nanoaerosols via Aerosol VUV Photoelectron Spectroscopy
TLS 21B2	2019-2-105-1	光源產業應用小組	NSRRC	6	2019/06/10 09:00	2019/06/10 17:00	1	11	Development of High-Resolution Extreme Ultraviolet Interference Lithography
TLS 21B1	2019-1-182-2	彭維鋒	淡江大學物理系	0	2019/06/10 17:00	2019/06/12 09:00	5	3	Electronic/Atomic Structures, Orbital and Magnetic Properties of the Highly Correlated Electron Systems.
TLS 21B1	2019-2-016-1	溫偉源	國立中央大學物理系	0	2019/06/12 09:00	2019/06/14 09:00	6	4	Manipulating 2D materials through defect engineering
TLS 21B1	2019-1-344-2	林秉慧	NSRRC	0	2019/06/14 09:00	2019/06/16 09:00	6	3	The study of emergence of the nematicity in band structure of Fe-based superconductors via static and dynamic angle-resolved photoemission spectroscopy (ARPES).
TLS 21B1	2019-1-266-2	鄭澄懋	NSRRC	3	2019/06/16 09:00	2019/06/17 09:00	3	12	The functional commission of angle-resolved photoemission end station at BL21B1
TLS 21A1	2019-1-213-2	李世煌	NSRRC	2	2019/06/18 09:00	2019/06/23 09:00	15	1	Study of Criegee intermediates

TLS 21	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 21B2	2019-2-105-1	光源產業應用小組	NSRRC	6	2019/06/24 09:00	2019/06/25 09:00	3	11	Development of High-Resolution Extreme Ultraviolet Interference Lithography
TLS 21B1	2019-1-258-2	郭瑞年	國立清華大學物理系	0	2019/06/25 09:00	2019/06/28 09:00	9	2	Investigation of the topological phase of alpha-Sn thin films
TLS 21B1	2019-1-102-2	唐述中	NSRRC	0	2019/06/28 09:00	2019/07/01 09:00	9	2	Investigation of the unique surface-state bands induced by the Au adsorption on Pb (111) surface
TLS 21B2	2019-1-255-2	王家綦	國立中山大學化學系	0	2019/07/02 09:00	2019/07/07 09:00	15	1	Probing the Oxidation and Heterogeneous Reaction of Nanoaerosols via Aerosol VUV Photoelectron Spectroscopy
TLS 21A1	2018-3-158-3	曾建銘	國立交通大學應用化學系	0	2019/07/08 09:00	2019/07/15 09:00	21	1	Time-selected photofragment translational spectroscopy of heterocyclic molecules: pyrazole and imidazole
TLS 21A2	2019-1-224-2	鄭炳銘	NSRRC	0	2019/07/16 09:00	2019/07/21 09:00	15	1	VUV Photolysis of icy samples
TLS 21B2	2019-2-105-1	光源產業應用小組	NSRRC	6	2019/07/22 09:00	2019/07/22 17:00	1	11	Development of High-Resolution Extreme Ultraviolet Interference Lithography
TLS 21B1	2019-2-201-1	劉洋	浙江大學理學部凝聚態物理研究所	0	2019/07/22 17:00	2019/07/26 17:00	12	3	Probing the Fermi surface and possible topological surface states in intercalated TaSe <sub>2</sub> -based layered superconductors
TLS 21B1	2019-1-193-2	吳忠霖	國立成功大學物理系	0	2019/07/26 17:00	2019/07/29 09:00	8	2	Visualize band structure modification of different 2D materials by phototemission spectroscopy
TLS 21A1	2019-1-213-2	李世煌	NSRRC	2	2019/07/30 09:00	2019/08/04 09:00	15	1	Study of Criegee intermediates
TLS 21B2	2019-2-105-1	光源產業應用小組	NSRRC	6	2019/08/05 09:00	2019/08/05 17:00	1	11	Development of High-Resolution Extreme Ultraviolet Interference Lithography
TLS 21B1	2019-2-112-1	劉暢	南方科技大學物理系	0	2019/08/05 17:00	2019/08/09 09:00	11	3	ARPES study on Zintl phase Ba <sub>3</sub> Cd <sub>2</sub> As <sub>4</sub> : A proposed topological crystalline insulator protected by C <sub>2</sub> rotational symmetry
TLS 21B1	2019-1-344-2	林秉慧	NSRRC	0	2019/08/09 09:00	2019/08/10 09:00	3	3	The study of emergence of the nematicity in band structure of Fe-based superconductors via static and dynamic angle-resolved photoemission spectroscopy (ARPES).
TLS 21B1	2019-1-266-2	鄭澄懋	NSRRC	3	2019/08/10 09:00	2019/08/12 09:00	6	12	The functional commission of angle-resolved photoemission end station at BL21B1

21A1 PEC: 21 Shifts (9.7%) SPK: 42 Shifts (19.4%)  
21A2 PEC: 30 Shifts (13.9%)  
21B1 PEC: 72 Shifts (33.3%) M&S: 15 Shifts (6.9%)  
21B2 PEC: 30 Shifts (13.9%) IA: 6 Shifts (2.8%)