

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 14A1 BM - IR Microscopy 發言人： 李耀昌 經理： 陳慶曰

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 14A1	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 14A1	2019-2-062-1	陳于高	國立台灣大學地質學系	0	2019/05/07 09:00	2019/05/09 09:00	6	8	Identification of polymer types from microplastic particles from terrestrial, fluvial, and marine environments
TLS 14A1	2019-2-101-1	林日白	國立台灣大學地質學系	0	2019/05/09 09:00	2019/05/10 09:00	3	8	Secondary Calcification and Silicification of Fossil Echinoderms Revealed by Raman Spectroscopy and Synchrotron-based Fourier Transform Infrared Microspectroscopy
TLS 14A1	2019-1-308-2	劉雨庭	國立中興大學土壤環境科學系	0	2019/05/10 09:00	2019/05/12 09:00	6	8	Removal and Simutaneous Reduction of Thallium(III) by DOM-Fe(III) Composites and Cyanidiales-Fe(III) Biocomposites Produced in Natrual Environments
TLS 14A1	2019-2-200-1	陳燕華	國立成功大學地科系	0	2019/05/13 09:00	2019/05/15 09:00	6	8	Deformation Mechanism of Chungliao Tunnel in No. 3 National Highway of Taiwan: Investigation of Microstructure and Mineral Characterization of Chishan Fault and South Section of Longchuan Fault via synchrotron radiation techniques
TLS 14A1	2019-1-137-2	張幸治	馬偕紀念醫院	0	2019/05/15 09:00	2019/05/16 09:00	3	6	Wax-Physisorption-based FTIR Microspectroscopy for screening human cancer tissue at early stage
TLS 14A1	2019-1-106-2	邱郁菁	大同大學化學工程系(所)	0	2019/05/16 09:00	2019/05/17 09:00	3	4	PANI and metal modified Pd based nanoparticles
TLS 14A1	2019-2-101-1	林日白	國立台灣大學地質學系	0	2019/05/17 09:00	2019/05/18 09:00	3	8	Secondary Calcification and Silicification of Fossil Echinoderms Revealed by Raman Spectroscopy and Synchrotron-based Fourier Transform Infrared Microspectroscopy
TLS 14A1	2018-1-085-5	張榮森	國立中央大學光電所	0	2019/05/18 09:00	2019/05/20 09:00	6	8	Preservation of Collagen in 195 million-year-old dinosaur bone revealed by synchrotron-based Fourier Transform Infrared-2

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TLS 14A1	2019-2-079-1	李耀昌	NSRRC	2	2019/06/04 09:00	2019/06/06 09:00	6	12	An study of adsorption capability change with glycan on the surface of human cancer cells by using wax physisorption kinetics coupled with iodine-potassium iodide treatment
TLS 14A1	2019-2-116-1	呂幸江	長庚大學化工與材料工程學系暨研究所	0	2019/06/06 09:00	2019/06/08 09:00	6	11	Radiosensitization Effects of Nanoparticles for Radiation Therapy of Tumors
TLS 14A1	2019-1-246-2	黃炳照	國立台灣科技大學化工系	0	2019/06/08 09:00	2019/06/09 09:00	3	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 14A1	2019-2-218-1	邱南福	國立台灣師範大學光電科技研究所	0	2019/06/10 09:00	2019/06/11 09:00	3	2	Fundamental study on the Properties of bioplasmonic Sensing Mechanism of Functionalized 2D biomaterials
TLS 14A1	2019-2-170-1	余幸司	國家衛生研究院國家環境醫學研究所	0	2019/06/11 09:00	2019/06/13 09:00	6	8	Biological Effects and Potential Health Impacts of blue LED on liver metabolism
TLS 14A1	2019-2-077-1	李耀昌	NSRRC	2	2019/06/13 09:00	2019/06/14 09:00	3	4	Study Diagenesis Effect in Ancient Egyptians Archaeological Bones Using Ssynchrotron X-ray Micro-fluorescence XRF Spectroscopy and FTIR Microspectroscopy
TLS 14A1	2019-1-136-2	李志宏	長庚醫療財團法人高雄長庚紀念醫院皮膚科	0	2019/06/14 09:00	2019/06/15 09:00	3	6	A novel Study of WPK of the induced altered Glycosylation of Glycoprotein of Skin cells by UVA Exposure
TLS 14A1	2018-3-215-3	謝達斌	國立成功大學醫學院口腔醫學研究所	0	2019/06/15 09:00	2019/06/17 09:00	6	6	Structure and composition of tooth functional gradient by SR-FTIR mapping
TLS 14A1	2018-1-123-5	曾棋南	長庚醫療財團法人林口長庚紀念醫院心臟外科	0	2019/06/18 09:00	2019/06/20 09:00	6	6	To study aortic extracellular matrix degradation in diseased aorta (continued)
TLS 14A1	2019-1-238-2	葉國楨	中央研究院農業生物科技研究中心	0	2019/06/20 09:00	2019/06/21 09:00	3	8	Use of synchrotron-based techniques to elucidate Indium uptake and metabolism in Arabidopsis thaliana
TLS 14A1	2019-1-308-2	劉雨庭	國立中興大學土壤環境科學系	0	2019/06/21 09:00	2019/06/23 09:00	6	8	Removal and Simutaneous Reduction of Thallium(III) by DOM-Fe(III) Composites and Cyanidiales-Fe(III) Biocomposites Produced in Natrual Environments
TLS 14A1	2019-2-126-1	施養信	國立台灣大學農化系(所)	0	2019/06/24 09:00	2019/06/25 09:00	3	8	The synthesis of Fe/Cu bimetallic nanoparticles for the degradation of halogenated compound
TLS 14A1	2017-3-256-6	莊偉綜	NSRRC	0	2019/06/25 09:00	2019/06/26 09:00	3	4	Hierarchical structures of nacre-mimetic nanocomposites for flexible supercapacitors
TLS 14A1	2019-2-062-1	陳于高	國立台灣大學地質學系	0	2019/06/26 09:00	2019/06/28 09:00	6	8	Identification of polymer types from microplastic particles from terrestrial, fluvial, and marine environments

TLS 14A1	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 14A1	2018-1-081-5	李耀昌	NSRRC	2	2019/06/28 09:00	2019/06/29 09:00	3	12	Investigating glycosylation alteration of oral cavity cancer after treatment of alternating electric field by infrared microspectroscopy
TLS 14A1	2019-2-115-1	余美靜	長庚醫療財團法人林口長庚紀念醫院兒童腎臟科	0	2019/06/29 09:00	2019/07/01 09:00	6	5	An Investigation of Altered Glycosylation Profiles in Glomeruli and Tubulointerstitium From Various Types of Progressive Kidney Disease and Transplanted Kidneys by FTIR Spectroscopy and Microspectroscopy
TLS 14A1	2019-2-116-1	呂幸江	長庚大學化工與材料工程學系暨研究所	0	2019/07/02 09:00	2019/07/04 09:00	6	11	Radiosensitization Effects of Nanoparticles for Radiation Therapy of Tumors
TLS 14A1	2019-2-200-1	陳燕華	國立成功大學地科系	0	2019/07/04 09:00	2019/07/06 09:00	6	8	Deformation Mechanism of Chungliao Tunnel in No. 3 National Highway of Taiwan: Investigation of Microstructure and Mineral Characterization of Chishan Fault and South Section of Longchuan Fault via synchrotron radiation techniques
TLS 14A1	2019-1-137-2	張幸治	馬偕紀念醫院	0	2019/07/06 09:00	2019/07/07 09:00	3	6	Wax-Physisorption-based FTIR Microspectroscopy for screening human cancer tissue at early stage
TLS 14A1	2019-1-246-2	黃炳照	國立台灣科技大學化工系	0	2019/07/08 09:00	2019/07/09 09:00	3	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 14A1	2019-1-238-2	葉國楨	中央研究院農業生物科技研究中心	0	2019/07/09 09:00	2019/07/10 09:00	3	8	Use of synchrotron-based techniques to elucidate Indium uptake and metabolism in Arabidopsis thaliana
TLS 14A1	2019-2-170-1	余幸司	國家衛生研究院國家環境醫學研究所	0	2019/07/10 09:00	2019/07/12 09:00	6	8	Biological Effects and Potential Health Impacts of blue LED on liver metabolism
TLS 14A1	2018-3-215-3	謝達斌	國立成功大學醫學院口腔醫學研究所	0	2019/07/12 09:00	2019/07/15 09:00	9	6	Structure and composition of tooth functional gradient by SR-FTIR mapping
TLS 14A1	2019-2-218-1	邱南福	國立台灣師範大學光電科技研究所	0	2019/07/16 09:00	2019/07/17 09:00	3	2	Fundamental study on the Properties of bioplasmonic Sensing Mechanism of Functionalized 2D biomaterials
TLS 14A1	2019-1-136-2	李志宏	長庚醫療財團法人高雄長庚紀念醫院皮膚科	0	2019/07/17 09:00	2019/07/19 09:00	6	6	A novel Study of WPK of the induced altered Glycosylation of Glycoprotein of Skin cells by UVA Exposure
TLS 14A1	2019-1-308-2	劉雨庭	國立中興大學土壤環境科學系	0	2019/07/19 09:00	2019/07/21 09:00	6	8	Removal and Simutaneous Reduction of Thallium(III) by DOM-Fe(III) Composites and Cyanidiales-Fe(III) Biocomposites Produced in Natrual Environments
TLS 14A1	2019-1-106-2	邱郁菁	大同大學化學工程系(所)	0	2019/07/22 09:00	2019/07/23 09:00	3	4	PANI and metal modified Pd based nanoparticles

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TLS 14A1	2019-2-019-1	蔡志仁	高雄醫學大學醫學院醫學系	0	2019/07/25 09:00	2019/07/26 09:00	3	12	Alternative Grading colorectal tumor by using Wax-Physisorption-Kinetics-based FTIR Imagings
TLS 14A1	2018-1-081-5	李耀昌	NSRRC	2	2019/07/26 09:00	2019/07/29 09:00	9	12	Investigating glycosylation alteration of oral cavity cancer after treatment of alternating electric field by infrared microspectroscopy
TLS 14A1	2017-3-256-6	莊偉綜	NSRRC	0	2019/07/30 09:00	2019/07/31 09:00	3	4	Hierarchical structures of nacre-mimetic nanocomposites for flexible supercapacitors
TLS 14A1	2019-1-246-2	黃炳照	國立台灣科技大學化工系	0	2019/07/31 09:00	2019/08/01 09:00	3	4	Development of in Operando X-ray techniques for electrochemical energy conversion and storage materials
TLS 14A1	2019-2-116-1	呂幸江	長庚大學化工與材料工程學系暨研究所	0	2019/08/01 09:00	2019/08/02 09:00	3	11	Radiosensitization Effects of Nanoparticles for Radiation Therapy of Tumors
TLS 14A1	2019-1-136-2	李志宏	長庚醫療財團法人高雄長庚紀念醫院皮膚科	0	2019/08/02 09:00	2019/08/04 09:00	6	6	A novel Study of WPK of the induced altered Glycosylation of Glycoprotein of Skin cells by UVA Exposure
TLS 14A1	2018-1-123-5	曾棋南	長庚醫療財團法人林口長庚紀念醫院心臟外科	0	2019/08/05 09:00	2019/08/08 09:00	9	6	To study aortic extracellular matrix degradation in diseased aorta (continued)
TLS 14A1	2019-2-245-1	劉維仁	NSRRC	8	2019/08/08 09:00	2019/08/10 09:00	6	12	2019 Summer Training Course
TLS 14A1	2019-2-115-1	余美靜	長庚醫療財團法人林口長庚紀念醫院兒童腎臟科	0	2019/08/10 09:00	2019/08/12 09:00	6	5	An Investigation of Altered Glycosylation Profiles in Glomeruli and Tubulointerstitium From Various Types of Progressive Kidney Disease and Transplanted Kidneys by FTIR Spectroscopy and Microspectroscopy

14A1 PEC: 189 Shifts (87.5%)

SPK: 21 Shifts (9.7%)

TC: 6 Shifts (2.8%)