

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 13A1 SW60 - X-ray Scattering

發言人： 李明道

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 13A1	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 13A1	2019-1-039-2	李明道	NSRRC	3	2019/05/07 09:00	2019/05/08 09:00	3	9	BL13A machine study (VI)
TLS 13A1	2018-3-117-3	李宜桓	國立台北科技大學分子科學與工程系	0	2019/05/08 09:00	2019/05/09 09:00	3	6	Self-assembly and phase transformations of novel all-pi-conjugated block copolymer systems and their applications in organic/inorganic hybrid materials
TLS 13A1	2019-2-228-1	莊偉綜	NSRRC	0	2019/05/09 09:00	2019/05/10 09:00	3	6	Fluorinated Carbazole-Based Non-Fullerene Acceptors for High Performance Bulk Heterojunction Solar Cells
TLS 13A1	2019-2-035-1	朱英豪	國立交通大學材料科學與工程系所	0	2019/05/10 09:00	2019/05/12 09:00	6	4	Tunable metal-insulator transition temperature of BaSnO3/SrRuO3 solid solution
TLS 13A1	2019-1-036-2	李明道	NSRRC	2	2019/05/13 09:00	2019/05/14 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV
TLS 13A1	2019-1-194-2	陳儀帆	國立中央大學化學工程與材料工程學系	0	2019/05/14 09:00	2019/05/15 09:00	3	6	Thermodynamic investigations on the correlations of the chemical structures and self-assembling behaviors of gemini surfactants
TLS 13A1	2019-1-133-2	劉振良	國立中央大學化學工程與材料工程學系	0	2019/05/15 09:00	2019/05/16 09:00	3	4	Control of Molecular Ordering, Alignment, and Charge Transport in Solution-Processed Organic Semiconductor Thin Films
TLS 13A1	2019-1-039-2	李明道	NSRRC	3	2019/05/16 09:00	2019/05/18 09:00	6	9	BL13A machine study (VI)
TLS 13A1	2018-3-231-3	郭瑞年	國立清華大學物理系	0	2019/05/18 09:00	2019/05/20 09:00	6	2	Structural and Strain Analysis of Thulium Iron Garnet Thin Films Grown on Garnet Substrates
TLS 13A1	2019-1-036-2	李明道	NSRRC	2	2019/06/04 09:00	2019/06/05 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV

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TLS 13A1	2019-1-409-2	莊偉綜	NSRRC	2	2019/06/05 09:00	2019/06/06 09:00	3	5	Organometal Halide Perovskite and Cross-Linkable Fullerene Blended High-Performance Bulk Heterojunction Solar Cells (II)
TLS 13A1	2019-2-110-1	戴子安	國立台灣大學化工系	0	2019/06/06 09:00	2019/06/07 09:00	3	6	Multiscale Structure Study of Functional Polymers/Inorganic Particles and Rubber/Inorganic Particles Hybrid Nanocomposite
TLS 13A1	2019-1-377-2	李志浩	國立清華大學工程及系統科學系	0	2019/06/07 09:00	2019/06/09 09:00	6	2	Provocative Studies of doping effects of organic based thin films and unravel their electronic structure, polymorphism using synchrotron radiations
TLS 13A1	2018-1-192-5	陳文章	國立台灣大學化工系	0	2019/06/10 09:00	2019/06/11 09:00	3	6	Novel stretchable conjugated rod-coil block copolymers toward organic transistor device applications
TLS 13A1	2019-2-123-1	林宏洲	國立交通大學材料科學與工程系所	0	2019/06/11 09:00	2019/06/12 09:00	3	4	Detection of Aptamer by Adjustment of Anchoring Energy in Liquid Crystal Sensors
TLS 13A1	2019-2-129-1	吳明忠	長庚大學化工與材料工程學系暨研究所	0	2019/06/12 09:00	2019/06/13 09:00	3	4	Multi-dimensional metal oxides heterostructure nanofibers for photocatalytic N <sub>2</sub> fixation
TLS 13A1	2019-2-167-1	趙基揚	國立台灣大學材料科學與工程學系暨研究所	0	2019/06/13 09:00	2019/06/14 09:00	3	4	Investigate the microstructure of the bulk and thin film of P3ATT-PI diblock
TLS 13A1	2019-1-039-2	李明道	NSRRC	3	2019/06/14 09:00	2019/06/15 09:00	3	9	BL13A machine study (VI)
TLS 13A1	2019-1-408-2	徐嘉鴻	NSRRC	2	2019/06/15 09:00	2019/06/17 09:00	6	2	X-ray scattering of novel thin films materials (II)
TLS 13A1	2019-2-228-1	莊偉綜	NSRRC	0	2019/06/18 09:00	2019/06/19 09:00	3	6	Fluorinated Carbazole-Based Non-Fullerene Acceptors for High Performance Bulk Heterojunction Solar Cells
TLS 13A1	2019-1-036-2	李明道	NSRRC	2	2019/06/19 09:00	2019/06/20 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV
TLS 13A1	2019-1-060-2	邱昱誠	國立台灣科技大學化工系	0	2019/06/20 09:00	2019/06/21 09:00	3	4	Lignin Derivatives for the Stretchable Semiconducting Polymers in Wearable Transistor Devices
TLS 13A1	2019-1-326-2	楊展其	國立成功大學物理系	0	2019/06/21 09:00	2019/06/23 09:00	6	2	Optical Control of Magnetism in Epitaxial CoFe <sub>2</sub> O <sub>4</sub> Thin Films
TLS 13A1	2019-1-039-2	李明道	NSRRC	3	2019/06/24 09:00	2019/06/25 09:00	3	9	BL13A machine study (VI)
TLS 13A1	2019-1-203-2	陳蓉瑤	國立中正大學化工系	0	2019/06/25 09:00	2019/06/26 09:00	3	6	Electrospinning-Induced Stretchable Conjugated Polymer Nanofiber for the Photomemory Patch

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TLS 13A1	2018-3-117-3	李宜桓	國立台北科技大學分子科學與工程系	0	2019/06/26 09:00	2019/06/27 09:00	3	6	Self-assembly and phase transformations of novel all-pi-conjugated block copolymer systems and their applications in organic/inorganic hybrid materials
TLS 13A1	2018-3-113-3	陳錦地	中央研究院化學所	0	2019/06/27 09:00	2019/06/28 09:00	3	2	The research of crystallinity and crystalline orientation of conjugated organic small molecules or polymers in solid thin film state for the applications of photoelectric devices such as organic photovoltaics (OPVs), organic light emitting diodes (OLEDs), or organic thin-film transistors (OTFTs)
TLS 13A1	2019-1-036-2	李明道	NSRRC	2	2019/06/28 09:00	2019/06/29 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV
TLS 13A1	2018-3-231-3	郭瑞年	國立清華大學物理系	0	2019/06/29 09:00	2019/07/01 09:00	6	2	Structural and Strain Analysis of Thulium Iron Garnet Thin Films Grown on Garnet Substrates
TLS 13A1	2019-1-409-2	莊偉綜	NSRRC	2	2019/07/02 09:00	2019/07/03 09:00	3	5	Organometal Halide Perovskite and Cross-Linkable Fullerene Blended High-Performance Bulk Heterojunction Solar Cells (II)
TLS 13A1	2019-1-036-2	李明道	NSRRC	2	2019/07/03 09:00	2019/07/04 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV
TLS 13A1	2019-2-126-1	施養信	國立台灣大學農化系(所)	0	2019/07/04 09:00	2019/07/05 09:00	3	8	The synthesis of Fe/Cu bimetallic nanoparticles for the degradation of halogenated compound
TLS 13A1	2019-1-408-2	徐嘉鴻	NSRRC	2	2019/07/05 09:00	2019/07/07 09:00	6	2	X-ray scattering of novel thin films materials (II)
TLS 13A1	2019-1-269-2	李文亞	國立台北科技大學化學工程與生物科技系	0	2019/07/08 09:00	2019/07/09 09:00	3	6	N-type doped conjugate polymers for nonvolatile memory
TLS 13A1	2019-1-039-2	李明道	NSRRC	3	2019/07/09 09:00	2019/07/10 09:00	3	9	BL13A machine study (VI)
TLS 13A1	2019-2-110-1	戴子安	國立台灣大學化工系	0	2019/07/10 09:00	2019/07/11 09:00	3	6	Multiscale Structure Study of Functional Polymers/Inorganic Particles and Rubber/Inorganic Particles Hybrid Nanocomposite
TLS 13A1	2019-1-133-2	劉振良	國立中央大學化學工程與材料工程學系	0	2019/07/11 09:00	2019/07/12 09:00	3	4	Control of Molecular Ordering, Alignment, and Charge Transport in Solution-Processed Organic Semiconductor Thin Films
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TLS 13A1	2019-1-377-2	李志浩	國立清華大學工程及系統科學系	0	2019/07/13 09:00	2019/07/15 09:00	6	2	Provocative Studies of doping effects of organic based thin films and unravel their electronic structure, polymorphism using synchrotron radiations
TLS 13A1	2019-2-228-1	莊偉綜	NSRRC	0	2019/07/16 09:00	2019/07/17 09:00	3	6	Fluorinated Carbazole-Based Non-Fullerene Acceptors for High Performance Bulk Heterojunction Solar Cells
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TLS 13A1	2019-1-039-2	李明道	NSRRC	3	2019/07/22 09:00	2019/07/23 09:00	3	9	BL13A machine study (VI)
TLS 13A1	2019-1-194-2	陳儀帆	國立中央大學化學工程與材料工程學系	0	2019/07/23 09:00	2019/07/24 09:00	3	6	Thermodynamic investigations on the correlations of the chemical structures and self-assembling behaviors of gemini surfactants
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TLS 13A1	2019-1-036-2	李明道	NSRRC	2	2019/07/30 09:00	2019/07/31 09:00	3	6	Structure study on bio-membranes by synchrotron X-ray scattering/diffraction techniques IV
TLS 13A1	2019-2-228-1	莊偉綜	NSRRC	0	2019/07/31 09:00	2019/08/01 09:00	3	6	Fluorinated Carbazole-Based Non-Fullerene Acceptors for High Performance Bulk Heterojunction Solar Cells
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13A1 PEC: 147 Shifts (68.1%)

SPK: 45 Shifts (20.8%)

M&S: 24 Shifts (11.1%)