

用戶入口網
NSRRC 使用統計

TPS的線型加速器 (TPS LINAC)

最新消息 Latest News | 活動公告 Meetings & Events | 研究動態 Research Highlights

最新消息 / Latest News

latest news more

因應新型冠狀病毒肺炎防疫措施-更新公告版
2020/10/20更新 · 適用至2020/12/31





Account
Password

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第二十六屆
用戶年會暨研討會

[Schedule Query](#) [Safety Approval Form Submission](#)

[Guesthouse Reservation](#) [NSRRC Seminar](#) [Visit NSRRC](#)

Users' Guide

提供用戶相關服務

※Apply for Proposal :
[Apply for Proposal](#)

※實驗執行前：
填寫「實驗安全核可表」、參加安全教育訓練、
用戶卡辦理、住宿申請、動量儀申請之相關說明。

※實驗進行：
[Experiment & Living Support Related](#)

※實驗完成後：
實驗結束後之問卷調查、研究成果繳交

- News
- Experiments
- SPRING-8
- Neutron
- Training
- Conference
- Others

- More.....
- NSRRC Preventative Measures for Novel Coronavirus (COVID-19) Pandemic (2020-10-21)
 - NSRRC --- Registration for 26th Users' Meeting & Workshops (Nov. 10 - 12) has launched (2020-08-17)
 - Registration & Abstract Submission Reopen until 9/20 --You are invited to the 2020 NSRRC Users' Meeting & Workshops 11/10-12 (2020-09-11)
 - NSRRC Guesthouse Announcement: The NSRRC Guesthouse will stop offering breakfast from November 1 onwards. (2020-10-29)
 - NSRRC - Domestic Users' Preferential Room Rate Notice (2019-12-31)
 - (Reminder) NSRRC - Rain Gear Disposing Area (2019-05-08)
 - NSRRC Announcement - NO food and sugary beverages in TPS & TLS experimental areas. (2018-12-11)

Light Source Schedule

TLS	2020-1	2020-2	2020-3	2021-1	2021-2
TPS	2020-1	2020-2	2020-3	2021-1	2021-2
SP8	2020-1	2020-2	2020-3		

Beamline Schedule

[Beamline Schedule](#)
Experiment Schedule Query

Users' Conference

[Invited Speaking](#)

Service Information

[Contact Information](#)

Talent Education

[Training Lecture](#)

Live Information

[Location Map](#)



Period

Source

2020-3 (TLS)

Line Group	Beamline No.	Beamline Name	Beamline Ext.	Status	Spokesperson	Ext.	Manager	Ext.
01A1	01A1	SWLS - White X-ray (PRT 75%)	1011	Open	Hwu, Yeu-Kuang	3268	Chen, Hsiang-Hsin	3274
01B1	01B1	SWLS - X-ray Microscopy	1012	Open	Wang, Chun-Chieh	7257	Chiang, Cheng-Cheng	6377
01C	01C1	SWLS - EXAFS	1013	Open	Chan, Ting-Shan	7111	Wu, Tai-Sing	42527
	01C2	SWLS - X-ray Powder Diffraction	1013	Open	Sheu, Hwo-Shuenn	7122	Cheng, Yu-Song	7145
03A1	03A1	BM - (HF-CGM) Photoabsorption/Photoluminescence	1031	Open	Wu, Yu-Jong	7211	Chou, Sheng-Lung	3181
05	05B1	EPU - Soft X-ray Chemistry	1050	Open	Liu, Chen-Lin	7320	Liu, Chen-Lin	7320
	05B2	EPU - PEEM	1052	Open	Wei, Der-Hsin	7312	Chuang, Tzu-Hung	7350
07A1	07A1	IASW - X-ray Scattering	1071	Open	Soo, Yun-Liang	3366	Weng, Shih-Chang	7366
08A1	08A1	BM - (L-SGM) XPS, UPS	1081	Open	Pi, Tun-Wen	7309	Yuh, Jih-Young	7253
08B1	08B1	BM - AGM	1082	Open	Pi, Tun-Wen	7309	Yuh, Jih-Young	7253
09A1	09A1	HF-CGM	1101	Open	Chen, Chia-Hao	7325	Hsieh, Shang-Hsien	3201



國家同步輻射研究中心光束線使用申請書 NSRRC Beamtime Application Form

Form: A1c

★★★ 本表僅供參考，請使用線上申請 <http://user.nsrcc.org.tw>
★★★ This form is for reference only. We only accept on-line application at our website <http://user.nsrcc.org.tw>

申請期別	計畫編號 to be completed by NSRRC
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Beamtime PEC PRT Spokesperson Maintenance & Study

計畫名稱 (proposal title)

相關國科會計畫編號 / 題目 (NSC proposal no. / title)
--

計畫分類, 單選 (classification of the proposal, single selection)			
<input type="checkbox"/> Atomic and Molecular Science	<input type="checkbox"/> Surface, Interface and Thin Films	<input type="checkbox"/> Materials Physics (magnetism, electronic structure, high-T _c ,...)	<input type="checkbox"/> Materials Chemistry (structure, synthesis, crystallography,...)
<input type="checkbox"/> Soft Matter (polymer, liquid, biomaterials,...)	<input type="checkbox"/> Protein Crystallography	<input type="checkbox"/> Environmental and Earth Science	<input type="checkbox"/> Methodology and Instrumentation (x-ray optics, insertion devices,...)
<input type="checkbox"/> Nanofabrication (lithography, NEMS,...)	<input type="checkbox"/> Applied and Industrial Research	<input type="checkbox"/> Others	

若計畫有新成員，請線上登錄成為中心用戶。已註冊之用戶，則請確認基本資料(如職稱、單位、電話、傳真、電子郵件)。

For a first-time applicant, please register on-line as new user. For the pre-registered users, please update your personal data of needed.

主持人中文姓名	用戶編號 [身分證字號(R.O.C. ID No. or passport No.)]								
PI's english name	last name	first name	職稱 (position)						
單位及地址(affiliation & address)									

4 | 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |

正時八十八姓 名		用戶編號 [身份證字號(R.O.C. ID No. or passport No.)]																		
PI's english name		last name		first name		職稱 (position)														

單位及地址(affiliation & address)																						
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電話 (phone)			傳真 (fax)			E-mail													
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同步輻射經驗 synchrotron experience?		<input type="checkbox"/> Yes <input type="checkbox"/> No		何處 / 多久 (where / how long?)												
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實驗者 (participants of the experiment)

姓名 (name)	單位 (affiliation)	職稱 (position)	姓名 (name)	單位 (affiliation)	職稱 (position)



是不是與中心人員合作? NSRRC collaborators requested ?		<input type="checkbox"/> Yes <input type="checkbox"/> No		中心合作人員姓名 Collaborators' names												
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光束線編號 (BL No.)	總時段(total shifts)		本期申請時段 (shifts requested in this cycle)		特殊需求 (special request)	
	申請 (applied)	核可 (approved)	理想 (desired)	最小 (minimum)	光束線排程 (beamline schedule)	實驗站 (end station)

Spokesperson: (Please check the availability of the end station as required by the applicant.)

光束線編號 (BL No.)	光束線發言人簽名 (signature of beamline spokesperson)	可行性 (feasibility)	意見及建議 (comments)
	日期 (yyyy/m/d)	<input type="checkbox"/> Yes <input type="checkbox"/> No	

	<input type="checkbox"/> Yes <input type="checkbox"/> No
日期 (yyyy/m/d)	

Form: A1c continued



將使用之材料 (materials to be used)												
材料屬性(materials classification):(S) 樣品 sample (C) 化學品 chemical (G) 氣體 gas												
名稱 (name)	S	C	G	攜帶量 (quantity brought in)	預計 使用量 (quantity planned to use)	單位 (unit)	危害特性 (Hazard property)					
							無 none	毒性 toxic	可燃性 flammable	腐蝕性 corrosive	爆炸性 explosive	生化 biohazard

*請確認材料特性與數量不可留空。(Please specify the quantity and hazard property of the materials. Do not leave blank.)



將使用之主要設備 (equipments to be used)						
主要設備名稱 (name of equipment)	設備特性 (equipment classification)					
	低溫冷凍 cryogenics	加熱設備 furnace	高壓 high pressure	雷射 laser	高電壓 high voltage	其他 other
①						
②						
③						
其他(others)						

安全考慮與防範措施 (safety concerns and precautions)
<input type="checkbox"/> 無(No) <input type="checkbox"/> 有(Yes), 請描述 (Yes, please explain.)

檔案 工具 檢視 國家同步輻射研究中心光束線使用申請書(受保護的檢視) - Word

受保護的檢視 小心，來自於網路網路的檔案可能有病毒。除非您需要編輯，否則停留在 [受保護的檢視] 中較為安全。 啟用編輯(E)

4 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54

無(No) 有(Yes)，請描述 (Yes, please explain.)

實驗計劃，以英文另紙書寫 (Proposal has to be submitted in English)

計劃必須涵蓋下列項目：(A)實驗背景，(B)研究意義、目的、特色、預期成果，(C)使用同步輻射光的理由，(D)所需的光束線時間的估計，及 (E) 使用本中心光束線的成果發表 (含論文，中心用戶會議報告摘要，及英文年報實驗摘要)。唯頁數不得超過四頁。附記：目前一份計劃書的有效時間是六個連續期)。
(The content of the proposal should include: (A) background, (B) significance, expected outcome, (C) why synchrotron radiation is needed, (D) an estimate of the number of shifts required, and (E) a list of publications relevant to the proposal (including publications, abstract for NSRRC Users' Meeting and Activity Reports in Annual Report). The text of the proposal is limited to four pages. Note that a proposal is active only for six consecutive cycles (i.e. two years) after its acceptance.)

本人保證前述計畫內容屬實，所有研究成員將遵守中心所有規定，使用中心光束線時間進行非營利研究，義務提供計畫研究摘要及論文清單，並授與國家同步輻射研究中心有權將上述文章無償收錄於該中心製作之網路光碟紙本或微縮膠捲，不限地域與時間予以發行，供非營利性目的之利用。

對光束線使用申請如有問題，請電洽國家同步輻射研究中心用戶行政室。電話：(03)578-0281，Ext. 7203, 7205, 7207。

I certify that everything in this proposal is accurate and that my research team will abide by the SRRC policies and regulations. I also certify that the work described in the proposal is not proprietary and upon completion of research will be published in the open literature. I am obligated to provide a brief summary and publication list of every completed experiment performed at NSRRC for NSRRC Annual and Activity Reports. Also, I authorize NSRRC to reproduce those contents in portable media like CD or microfilm to be distributed for non-profit purpose.

If any questions, please call of the User Administration Office +886-3-578-0281 ext. 7203, 7205 or 7207

計劃主持人簽名 (signature of the principal investigator)	日期 (yyyy/m/d) :
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(revised in 2003/07/11)

One page written in Chinese
 一頁計畫，用中文寫

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立即開始

課程目標/概述：介紹同步輻射加速器的歷史、理論基礎與各種實驗光譜技術在化學研究上的應用。

#期末報告繳交請在2021.01.10前寄到 yjwu@nsrrc.org.tw

Date	Topic	Teacher
9/16	Introduction of Synchrotron Radiation	吳宇中 1
9/23	SR Applications on Astrochemistry	吳宇中 1
9/30	VUV Absorption and Photoluminescence Spectroscopy	吳宇中 1
10/07	VUV Applications	李英裕 1
10/14	Synchrotron Radiation Applications on Time-Resolved Experiments	蔡一羣 1
10/28	Soft X-ray Chemistry	劉振霖 1
10/21	The Principle and Application of X-ray Absorption Spectroscopy	詹丁山 1
11/04	Midterm exam + How to apply beamtime of NSRRC	吳宇中 1
11/18	Synchrotron Radiation Applications on Soft Matters	莊偉綜