

Schedule

Date: 28 - 29 September 2024

Location: D260、TPS 15A、T262B

Date Time	28 September	Date Time	29 September
9:00 ~ 9:30	Registration	9:00 ~ 9:30	Registration
9:30 ~ 9:40	Open remark	9:30 ~ 10:10	PS1: Rigaku <i>CrysAlisPro</i> - HP, Disorder, twin etc.
9:40 ~ 10:00	T1: Introduction of TPS 15A		
10:00 ~ 10:30	T2: Introduction of crystallography + TPS 15A1 (STOE's STADIVARI system)		
10:30 ~ 10:40	Break	10:10 ~ 10:50	PS2: Bruker <i>APEX-V</i> - HP, Disorder, twin etc.
10:40 ~ 11:10	T3: Single crystal X-ray diffraction with in-house instrument	10:50 ~ 11:00	Break
11:10 ~ 11:40	T4: Introduction of high pressure crystallography at synchrotron	11:00 ~ 12:30	PS3: Basic single crystal structure determination – <i>Olex2, shexl</i>
11:40 ~ 12:10	T5: Introduction of diamond anvil cell and its operation		
12:10 ~ 13:10	Lunch	12:30 ~ 13:30	Lunch
13:10 ~ 15:00	Group training: PI1: Single crystal data collection (<i>Xarea</i>) PI2: Gas loading	13:30 ~ 14:30	PS4: Advanced Single crystal structure determination – <i>Olex2, shexl</i>
15:00 ~ 15:10	Break	14:30 ~ 14:40	Break
		14:40 ~ 15:20	PS5: High pressure structure determination
15:10 ~ 17:00	PI3: Laser drilling PI4: Raman system	15:20 ~ 16:00	PS6: STOE X-area - HP, Disorder, twin etc.
		16:00 ~ 16:30	Q & A

Table content

Subject	Speaker	Title	Time (min)
Opening remark	Lai-Chin Wu ¹	Dr.	10
Talks			
T1: Introduction of TPS 15A	Lai-Chin Wu ¹	Dr.	20
T2: Introduction of crystallography + STOE's STADIVARI system	Arnaud Grosjen ¹	Dr.	30
T3: Single crystal X-ray diffraction with in-house instrument	Kuei-Fang Hsu ²	Professor	30
T4: Introduction of high pressure crystallography at synchrotron	Jennifer Kung ³	Professor	30
T5: Introduction of diamond anvil cell and its operation	Tsu-Lien Hung ⁴	Post Dr.	30
Practice – instrument			
PI1: Diffractometer - STADIVARI	Arnaud Grosjen ¹	Dr.	240
PI2: Gas loading	Chun-hung Lin ⁵ Yi-Chi Tsao ⁵	Mr.	
PI3: Laser drilling	Lai-Chin Wu ¹	Dr.	
PI4: Raman system	Jey-Jau Lee ¹	Dr.	
Practice – software			
PS1: <i>CrysAlisPro</i> from Rigaku (on-line?) HP, Disorder, twin etc.	Wen-Jung Chang ⁶	Dr.	40
PS2: <i>APEX-IV</i> from Bruker (on-line?) HP, Disorder, twin etc.	Ya-Ching Yang ⁷	Dr.	40
PS3: Basic single crystal structure determination – <i>Olex2, shelx</i>	Arnaud Grosjen ¹	Dr.	90
PS4: Advanced single crystal structure determination – <i>Olex2, shelx</i>	Gene-Hsiang Lee ⁸	Dr.	60
PS5: High pressure structure determination	Tian-Siang Hua ⁹	Mr.	40
PS6: STOE X-area - HP, Disorder, twin etc.	Thomas Pippinger ¹⁰	Dr.	40

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