



**ASOSIASI MIKROSKOPI INDONESIA  
INDONESIAN SOCIETY FOR MICROSCOPY (Ina-SM)**

Kawasan Sains dan Teknologi (KST) Prof. Dr.-Ing. B.J. Habibie, Serpong  
Tangerang Selatan, Indonesia  
Phone : (+62) 813 1644 9107 Email: ina.sm@gmail.com



**Workshop Schedule on SPA and Cryo-Tomography  
Cryo-EM Lab BRIN**

In conjunction with China-South-East-Asian Microscopy Conference (ACSEAM)  
**17-18 October 2024**

<b>Day 1</b>				
<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Facilitator</b>	<b>Remarks</b>
08:30	Registration			Running Video
09:00	Welcome Speech	CryoEM+InaSM		
09:05	Opening Speech	Dr. Yan Rianto		Director DPL
09:15	Introduction to CryoEM Lab	Yudhi Nugraha		Hybrid
09:45	Coffee Break			
10:00	Lecture on SPA and CryoTomo	Dede Heri Y.Y.		Hybrid
11:00	Lecture Lamella Milling	Arbi Dimyati		Hybrid
12:00	Lunch Break	TF Sponsor		
13:30	Vitrobot preparation		CryoEM team	Practical Session
14:30	SPA on Krios		CryoEM team	Practical Session
16:00	Closing			



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<b>Day 2</b>				
<b>Time</b>	<b>Topic</b>	<b>Lecturer</b>	<b>Facilitator</b>	<b>Remarks</b>
09:00	Lamella Milling Aquilos2		CryoEM team	Practical Session
11:00	CryoTomo on Krios		CryoEM team	Practical Session
12:00	Lunch Break			Running Video
13:30	CryoTomo on Krios		CryoEM team	Practical Session
14:30	3D reconstruction	Lina Herliana	CryoEM team	Practical Session
16:00	Closing Remarks	Rifki/Silva		



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## **RUNDOWN PRE-CONFERENCE WORKSHOP (MATERIAL SCIENCE)**

<b>DAY 1</b>	<b>Time</b>	<b>SEM (Sufi)</b>	<b>FIB (Hera)</b>	<b>TEM (Salsa)</b>
Thursday, 17 October 2024				
Gd. 720	07:30 – 09:00	Registration		
Gd. 720	09:00 – 09:15	Opening		
Gd. 720	09:15 – 09:45	<i>Introduction to Electron Microscopy at BRIN</i>		
Gd. 720	09:45 – 10:00	Coffee Break		
Gd. 720	10:00 – 10:45	<i>Solving materials analysis challenges through breakthrough in combined SEM-EDS-EBSD</i>		
Gd. 720	10:45 – 11:30	<i>Exploring Material Structures from Microscale to Atomic Scale: Advanced Imaging with TEM and Precision Sample Preparation via Dual Beam Techniques</i>		
Gd. 720	11:30 – 13:00	Lunch Break (ISHOMA)		
Gd. 720	13:00 – 13:30	<i>Materials characterization using analytical TEM</i>		
Gd. 442	13:30 – 14:30	Mobilization to building 442 and Coffee Break		



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Lab Demo	14:30 – 15:30	Group 1	Group 2	Group 3
Gd. 442	15:30 – 16:00	Closing Remarks (Day 1)		

<b>DAY 2</b>	<b>Time</b>	<b>SEM</b>	<b>FIB</b>	<b>TEM</b>
Friday, 18 October 2024				
Gd. 442	08:30 – 09:30	Group 2	Group 3	Group 1
Gd. 442	09:30 – 10:00	Coffee Break		
Lab Demo	10:00 – 11:00	Group 3	Group 1	Group 2
Gd. 442	11:00 – 13:30	Lunch and Closing Remark		