

Microscopy Society (Singapore) Annual General Scientific Meeting 2025 Programme

Date: 10 April 2025

Time: 9.00am (Registration will begin at 8.30am)

Venue: Auditorium, Centre for Life Sciences, NUS, 28 Medical Drive, Singapore 117456

DATE / TIME	PROGRAM	SPEAKER
Chair: A/Prof Van Kan Jeroen Anton Vice President, MS(S) 9.00-9.20am	Unveiling Singapore's Maritime Past: Trade Goods aboard the Temasek Shipwreck-I: Archaeometry in Singaporean Heritage Studies: Overview, and Current and Future Research Directions	Dr Alasdair Chi Xin Ren PhD. Nanyang Technological University National Heritage Board, Heritage Research Grant
9.20-9.40am	Unveiling Singapore's Maritime Past: Trade Goods aboard the Temasek Shipwreck-II: Result from Pilot Study of PIXE Applications on Heritage Material & Usage of Analytical Methods for Archaeological Conservation	Ms. Cindy Lau Shin Yee PhD. Candidate, University of Tsukuba
9.40-10.00am	High-Throughput Screening Platform for Large-Scale Genetic Variations	Mr Tan Chuan Jie Department of Physics, National University of Singapore
10.00-10.30am	Tea Break	
Chair: Prof Thorsten Wohland, Council Member, MS(S) 10.30-11.00am	Decoding the "Organic Blocking" Mechanism in Laser-Induced Caries Prevention Using Multimodal Microscopy	Dr Tan Guang Rong Assoc Prof. Stephen Hsu Chin-Ying Faculty of Dentistry, National University of Singapore
11.00-11.20am	Keeping Pace with the Pulse of Life in 3D With ZEISS Lightfield 4D Technology	Dr Raymond Woo Carl Zeiss Singapore Pte. Ltd. & South East Asia
MS(S) AGM 11.20am-12.00pm	President's Report Treasurer's Report Election for Internal Auditors	Prof Ong Wei Yi, Department of Anatomy Dr Ren Minqin, Department of Physics National University of Singapore
12.00-1.30pm	GROUP PHOTO AND LUNCH	Booths @ lounge by: Acexon Technologies Pte Ltd; Leica Microsystems (SEA) Pte Ltd.; App Systems Services Pte Ltd; Nikon Singapore Pte. Ltd.
Chair: Prof Ong Wei Yi President, MS(S) 1.30-1.50pm	Exploring Electron Microscopy Techniques in Life Sciences: Challenges, Strategies and Alternatives	Dr Wu Yajun Department of Anatomy National University of Singapore
1.50-2.30pm	Microscopy Core Facilities Cluster and the vEM Center of Excellence, Multiphoton Microscopy and Confocal Microscopy	Dr Isabelle Bonne Department of Microbiology and Immunology Ms. Lee Shu Ying Microscopy Core Facilities Cluster National University of Singapore Ms. Veronique Teo Senior Application Specialist, SEA and Taiwan
2.30-2.50pm	Image Analysis Services at A*STAR Microscopy Platform	Mr John Lim Soon Yew A*STAR Microscopy Platform (AMP), A*SRL, A*STAR
Chair: Dr Wu Yajun Secretary, MS(S) 2.50-3.10pm	New Electron Microscope JEM120i	Ms. Anna Liew JEOL (Asia) Pte. Ltd.
3.10-3.30pm	Revealing Life's Hidden Dimensions: Advancing Biological Insights with Volume Electron Microscopy	Dr NIE Xin Thermo Fisher Scientific
3.30pm-3.50pm	STELLARIS with Cryo Stage: Confocal precision for your cryo workflow	Dr Boey, Adrian Leica Microsystems (SEA) Pte Ltd
3.50-4.10pm	ECLIPSE Ji: Frontier in Digital Benchtop Imaging Solutions	Mr Aaron Goh Hsu Hua Nikon Singapore Pte. Ltd.
4.10-4.30pm	Microfluidics for Automated and Reproducible Immunofluorescence in Spatial Omics	Mr Adam Meziane Fluigent APP Systems Services
4.30-5.00pm	Tea Break and Close	



Registration



Department of Anatomy
Yong Loo Lin School of Medicine

