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| Day 1<br>2022 Jan 14 <sup>th</sup> | Opening (by Zoom meeting <sup>*link will be shared later</sup> )                                  |
| 18:00 - 18:20                      | 'A brief introduction to Cryo-EM' by Prof. DANG Shangyu (LIFS/HKUST)                              |
| 18:20 - 18:30                      | 'The Cryo-EM facility's instrument and applications' by Dr. ZHANG Yingyi (Facility manager/HKUST) |

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| Day 2<br>2022 Jan 15 <sup>th</sup>   | EM sample preparation - negative staining and cryo-plunge freezing |               |               |               |               |               |
| Time Session   | 08:30 - 11:30  | 08:30 - 11:30 | 12:30 - 15:30 | 12:30 - 15:30 | 16:00 - 19:00 | 16:00 - 19:00 |
| Negative staining EM   | Group A1   | Group B1      | Group A2      | Group C1      | Group B2      | Group C2      |
| Cryo-plunge freezing   | Group B1   | Group A1      | Group C1      | Group A2      | Group C2      | Group B2      |
| <ul style="list-style-type: none"> <li>• Each session has 3 attendees (per group), with 1 demonstrator.</li> <li>• Location: Cryo-EM centre, Lab 2230, academic building.</li> </ul> |  |               |               |               |               |               |

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| Day 3<br>2022 Jan 16 <sup>th</sup>   | Cryo-EM SPA data collection and processing |               |               |  |  |
| Time Session   | 09:00 - 10:00                              | 10:00 - 11:00 | 11:00 - 12:00 | 13:00 - 16:00  |  |
| Cryo-EM SPA data collection  | Group A1                                   | Group B1      | Group C1      | Cryo-EM SPA data processing<br>by Prof. DANG Shangyu |  |
|  | Group A2                                   | Group B2      | Group C2      |  |  |
| <ul style="list-style-type: none"> <li>• Location: morning session at Cryo-EM centre, <b>Lab 2230</b>, near Lift-23; afternoon session at <b>RM 5464</b>, Lift-25/26.</li> </ul> |  |               |               |  |  |