## Programme Rundown

| Date   | Venue                                                                              | Instructor                   | Time              | Event                                                                     |
|--------|------------------------------------------------------------------------------------|------------------------------|-------------------|---------------------------------------------------------------------------|
| Jul 10 | Multi-purpose Area,<br>Level 2, Main Library<br>( <u>Map here</u> )                | All                          | 9:00am            | Registration begins                                                       |
|        |                                                                                    |                              | 9:30am - 12:30pm  | Opening Ceremony + Ice-Breaking                                           |
|        |                                                                                    | All                          | 2:00pm - 4:00pm   | Guest Lecture + Q&A (Instructor:<br>Professor Yi Ma, Director of HKU IDS) |
|        |                                                                                    |                              | 4:00pm - 4:15pm   | Break                                                                     |
|        |                                                                                    |                              | 4:15pm - 5:30pm   | Photo-taking                                                              |
| Jul 11 | CBA, Chow Yei Ching<br>Building<br>( <u>Map here</u> )                             | Dr. Man<br>Chung Yue         | 9:30am – 12:30pm  | Session 1: Performance Evaluation:<br>Variance-Bias Trade-off             |
|        |                                                                                    |                              | 2:00pm – 5:00pm   | (Social Activities by HKUSI)                                              |
| Jul 12 | CBA, Chow Yei Ching<br>Building                                                    | Dr. Man<br>Chung Yue         | 9:30am – 12:30pm  | Session 2: Nearest Neighbours                                             |
|        | CBA, Chow Yei Ching<br>Building                                                    |                              | 2:00pm – 5:00pm   | Session 3: Bayes Classifiers                                              |
| Jul 13 | CBA, Chow Yei Ching<br>Building                                                    | Dr. Man<br>Chung Yue         | 9:30am – 12:30pm  | Session 4: Linear Programming                                             |
|        | CBA, Chow Yei Ching<br>Building                                                    | Dr. Yue Xie                  | 2:00pm – 5:00pm   | Session 5: Nonlinear Programming I:<br>Basics                             |
| Jul 14 | CBA, Chow Yei Ching<br>Building                                                    | - Dr. Yue Xie                | 9:30am – 12:30pm  | Session 6: Nonlinear Programming II:<br>Algorithms                        |
|        | CBA, Chow Yei Ching<br>Building                                                    |                              | 2:00pm – 5:00pm   | Session 7: Nonlinear Programming III:<br>Constrained optimization         |
| Jul 17 | CBA, Chow Yei Ching<br>Building                                                    | Dr. Yue Xie                  | 9:30am – 12:30pm  | Session 8: Stochastic Methods in machine learning                         |
|        | CBA, Chow Yei Ching<br>Building                                                    | Dr. Sebastian<br>Morel-balbi | 2:00pm – 5:00pm   | Session 9: Fundamentals of network<br>theory                              |
| Jul 18 | CBA, Chow Yei Ching<br>Building                                                    | Dr. Sebastian<br>Morel-balbi | 9:30am – 12:30pm  | Session 10: Network models                                                |
|        |                                                                                    |                              | 2:00pm – 5:00pm   | (Social Activities by HKUSI)                                              |
| Jul 19 | CBA, Chow Yei Ching<br>Building                                                    | Dr. Sebastian<br>Morel-balbi | 9:30am – 12:30pm  | Session 11: Basics of Bayesian inference                                  |
|        | CBA, Chow Yei Ching<br>Building                                                    |                              | 2:00pm – 5:00pm   | Session 12: Bayesian inference of the<br>Stochastic Block Model           |
| Jul 20 | Multi-purpose Zone<br>Rooms 1 & 2, Level 3,<br>Main Library<br>( <u>Map here</u> ) | All                          | 9:30am – 10:45am  | Group Presentations                                                       |
|        |                                                                                    |                              | 10:45am - 11:00am | Break                                                                     |
|        |                                                                                    |                              | 11:00am - 12:30pm | Group Presentations                                                       |
|        |                                                                                    | All                          | 2:00pm - 2:30pm   | Comments from Judging Panel                                               |
|        |                                                                                    |                              | 2:30pm - 5:00pm   | Closing Ceremony & Prize Presentation<br>(Refreshments will be served!)   |