

## SCIENTIFIC PROGRAMME SCHEDULE

| Time           | Mesmera Ballroom (Level 1)                                                                                                                                                                            | Irama 6 Room (Level M)                                                                                                                                                                    | Irama 7 Room (Level M)                                                                                                                                                                                                        | Irama 8 Room (Level M)                                                                                                                                                  |
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| 7:30 - 8:35 am | Registration                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                         |
| 8:40 am        | Parallel Keynote Sessions                                                                                                                                                                             |                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                         |
|                | Moderator:<br>Assoc Prof Ts Dr Lim Seng Joe                                                                                                                                                           | Moderator:<br>Dr Ter Zhi Yin                                                                                                                                                              | Moderator:<br>Dr. Mohamed Yusuf Mohamed Nazir                                                                                                                                                                                 | Moderator:<br>Dr. Babul Airianah Othman                                                                                                                                 |
| 8:45 - 9:05 am | Keynote Speaker 1:<br>Prof. Dr. Lee Sang Gil<br>Pukyong National University<br><br>Title: Investigation of the Hormetic Effects of Brown Algae-Derived Bioactive Compounds                            | Keynote Speaker 1:<br>Prof. Dr. Mamoru Koketsu<br>Gifu University<br><br>Title: Increased Bioavailability of Tricin-Amino Acid Conjugates via a Prodrug Approach                          | Keynote Speaker 1:<br>Prof. Dr. Mattheos Koffas<br>Rensselaer Polytechnic Institute<br><br>Title: The road to animal free natural products: metabolic engineering approaches for the biosynthesis of animal derived chemicals | Keynote Speaker 1:<br>Prof. Dr. Anuar Mohd Ishak<br>Universiti Kebangsaan Malaysia<br><br>Title: Unraveling the Stability of Multiple Solutions in Boundary Layer Flows |
| 9:05 - 9:25 am | Keynote Speaker 2:<br>Assoc. Prof. Dr. Saowakon Wattanachant<br>Prince of Songkla University<br><br>Title: From Lab to Lifeline: Asian Food Innovation for Disaster Resilience and Nutrition Security | Keynote Speaker 2:<br>Prof. Dr. Mohd. Talib Latif<br>Universiti Kebangsaan Malaysia<br><br>Title: Air Quality and Climate Change in Malaysia: Current Understanding and Future Challenges | Keynote Speaker 2:<br>Assoc. Prof. Dr. Pimonsri Mittraparp-Arthorn<br>Prince of Songkla University<br><br>Title: Asian Innovations for Sustainable Aquaculture, Safe Seafood, and One Health                                  | Keynote Speaker 2:<br>Prof. Dr. Takahiro Nitta<br>Gifu University<br><br>Title: Biologically Active Matter in Engineered Systems                                        |
| 9:25 - 9:40 am | Tea break                                                                                                                                                                                             |                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                         |
| 9:25 - 9:55 am | Poster Evaluation Session (Judges only)                                                                                                                                                               |                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                         |
|                | Parallel Oral Presentation Session 1                                                                                                                                                                  |                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                         |
|                | Chairperson/Judge:<br>Prof. Dr. Lee Sang Gil<br><i>Pukyong National University</i>                                                                                                                    | Chairperson/Judge:<br>Assoc. Prof. Dr. Saowakon Wattanachant<br><i>Prince of Songkla University</i>                                                                                       | Chairperson/Judge:<br>Prof. Dr. Mattheos Koffas<br><i>Rensselaer Polytechnic Institute</i>                                                                                                                                    | Chairperson/Judge:<br>Prof. Dr. Mohd. Talib Latif<br><i>Universiti Kebangsaan Malaysia</i>                                                                              |
|                | Co-judge:<br>Assoc. Prof. Dr. Pimonsri Mittraparp-Arthorn<br><i>Prince of Songkla University</i>                                                                                                      | Co-judge:<br>Prof. Dr. Takahiro Nitta<br><i>Gifu University</i>                                                                                                                           | Co-judge:<br>Prof. Dr. Mamoru Koketsu<br><i>Gifu University</i>                                                                                                                                                               | Co-judge:<br>Prof. Dr. Anuar Mohd Ishak<br><i>Universiti Kebangsaan Malaysia</i>                                                                                        |

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| 9:43 - 9:55 am   | FO001                                                                                                                                            | IS004 (FS)                                                                                                | IS002 (B) | IS001 (E) |
| 9:55 - 10:07 am  | FO002                                                                                                                                            | FO015                                                                                                     | IS003 (B) | IS005 (E) |
| 10:07 - 10:19 am | FO003                                                                                                                                            | FO016                                                                                                     | BO001     | EO001     |
| 10:19 - 10:31 am | FO004                                                                                                                                            | FO017                                                                                                     | BO002     | EO002     |
| 10:31 - 10:43 am | FO005                                                                                                                                            | FO019                                                                                                     | BO003     | EO003     |
| 10:43 - 10:55 am | FO006                                                                                                                                            | FO020                                                                                                     | BO005     | MO001     |
| 10:55 - 11:07 am | FO007                                                                                                                                            | FO021                                                                                                     | BO006     | MO002     |
| 11:07 - 11:19 am | FO008                                                                                                                                            | FO022                                                                                                     | BO007     | MO003     |
| 11:19 - 11:31 am | FO009                                                                                                                                            | FO024                                                                                                     | BO008     | MO004     |
| 11:31 - 11:43 am | FO010                                                                                                                                            | FO025                                                                                                     | BO009     | MO005     |
| 11:43 - 11:55 am | FO011                                                                                                                                            | FO026                                                                                                     | BO010     | CO001     |
| 11:55 - 12:07 pm | FO012                                                                                                                                            | FO027                                                                                                     | BO011     | CO002     |
| 12:07 - 12:19 pm | FO013                                                                                                                                            | BO004                                                                                                     | BO012     | CO003     |
| 12:19 - 12:31 pm | FO014                                                                                                                                            |                                                                                                           | BO013     |           |
| 12:30 - 1:00 pm  | Poster Evaluation Session (Judges only)                                                                                                          |                                                                                                           |           |           |
| 12:35 - 2:00 pm  | Lunch break - Fuze Restaurant                                                                                                                    |                                                                                                           |           |           |
| 2.00 pm          | Poster Viewing & Discussion Session<br><br>Authors are requested to be present at their posters for discussion and questions.                    | Oral Presentation Session 2                                                                               |           |           |
|                  |                                                                                                                                                  | Chairperson/Judge:<br>Assoc. Prof. Dr. Pimonsri Mittraparp-Arthorn<br><i>Prince of Songkla University</i> |           |           |
|                  |                                                                                                                                                  | Co-judge:<br>ChM. Dr. Nurkhalida Binti Kamal<br><i>Universiti Kebangsaan Malaysia</i>                     |           |           |
| 2.00 - 2.12 pm   |                                                                                                                                                  | BO014                                                                                                     |           |           |
| 2.12 - 2.24 pm   |                                                                                                                                                  | BO015                                                                                                     |           |           |
| 2.24 - 2.36 pm   |                                                                                                                                                  | BO016                                                                                                     |           |           |
| 2.36 - 2.48 pm   | Industry Insights Session                                                                                                                        |                                                                                                           |           |           |
| 3:00 - 3:30 pm   | Plenary Speaker 1:<br><b>Assoc. Prof. Dr. Sunto Wongsiri M.D.</b><br>Vice President for Research and Innovation)<br>Prince of Songkla University |                                                                                                           |           |           |

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|                | Title: Research and Innovation for Global Challenges                                                                                                        |  |  |  |
| 3:30 - 4:00 pm | Plenary Speaker 2:<br><b>Prof. Dato' Dr. Sufian Jusoh</b><br>Vice Chancellor<br>Universiti Kebangsaan Malaysia<br><br>Title: Frontier Technology Generation |  |  |  |
| 4:00 - 5:00 pm | Closing & Prize-Giving ceremony                                                                                                                             |  |  |  |
| 5:00 pm        | Tea break                                                                                                                                                   |  |  |  |