

| <b>23 July 2018 (Monday)</b> |   |   |
|------------------------------|---|---|
| <b>Time</b>                  | <b>Program</b>  | <b>Speaker</b>  |
| <b>8:30</b>                  | <b>Registration</b>   |   |
| <b>9:00</b>                  | <b>Opening ceremony</b>   |   |
| <b>9:20</b>                  | <b>Photonics – Introduction to Bio-photonics from its emergence to becoming key enabling technology: Design and optimisation of Bio-photonic Devices</b>  | <b>Professor B M Azizur Rahman</b>  |
| <b>10: 30</b>                | <b>Coffee Break</b>   |   |
| <b>11:00</b>                 | <b>Fundamentals of Optical sensors</b>  | <b>Professor Kenneth Grattan</b>  |
| <b>11:30</b>                 | <b>Bio-photonics –fundamentals and opportunities</b>  | <b>Prof Ajoy K Kar</b>  |
| <b>12:00</b>                 | <b>Photonics research in Malaysia</b>   | <b>Professor Datuk Harith Ahmad</b>   |
| <b>12:30</b>                 | <b>Silicon Photonics – the opportunity</b>  | <b>Prof. Richard de la Rue</b>  |
| <b>13:00</b>                 | <b>Lunch</b>  |   |
| <b>14:00</b>                 | <b>Lab on a chip – developments and applications</b>  | <b>Prof Ajoy K Kar</b>  |
| <b>14:30</b>                 | <b>Biosensors: basic technologies-<br/><br/>FBG and LPG sensors<br/><br/>Microfibres and micro-knot resonator based sensors<br/><br/>Silicon slot and ring resonators as Biosensors<br/><br/>Plasmonic and evanescent sensors</b> | <b>Professor Kenneth Grattan<br/><br/>Professor Sulaiman Wadi Harun<br/><br/>Professor B M Azizur Rahman<br/><br/>Prof. Richard de la Rue</b> |
| <b>15:30</b>                 | <b>Coffee Break</b>   |   |
| <b>16:00</b>                 | <b>Biosensors and applications in healthcare instrumentations</b>   | <b>Professor B M Azizur Rahman</b>  |
| <b>20:00</b>                 | <b>Dinner and cultural show</b>   |   |

| <b>24 July 2018 (Monday)</b> |   |  |
|------------------------------|---|--|
| <b>Time</b>                  | <b>Program</b>  | <b>Speaker</b>   |
| 9:00                         | Poster session presentation                                     |  |
| 9:45                         | Poster session presentation                                     |  |
| 10:30                        | Coffee Break  |  |
| 11:00                        | Overview of research base and funding opportunities in Malaysia | Professor Datuk Harith Ahmad / Professor Sulaiman Wadi Harun |
| 12:30                        | Lunch   |  |
| 14:00                        | Industry-academic career development                            | Prof. Richard de la Rue                                      |
| 15:30                        | Coffee Break  |  |
| 16:00                        | Funding opportunities in UK and Internationalisation            | Professor B M Azizur Rahman / Prof. Richard de la Rue        |

| <b>25 July 2018 (Monday)</b> |   |  |
|------------------------------|---|--|
| <b>Time</b>                  | <b>Program</b>                                | <b>Speaker</b>                             |
| 9:00                         | Research methods, IP protection and spin-offs | Professor Kenneth Grattan/ Prof Ajoy K Kar |
| 9:45                         | Networking of young participants              |  |
| 10:30                        | Coffee Break                                  |  |
| 11:00                        | Round Table discussions                       | Professor Sulaiman Wadi Harun              |
| 11:45                        | Closing ceremony                              |  |
| 12:30                        | Lunch   |  |