# Programme

## Day 1: June 12, 2024

Room: Pevsner Room

|  |  |
| --- | --- |
| *Registration, coffee and welcome by workshop organisers: 8:30-9:00* | |
| Session 1:  Treatments  9:00 -12:30 | |
| The session will be opened by individuals with lived experience of epilepsy, and then moves into the treatment strategies for epilepsy. We will bring in academics and clinicians to explore different treatments such as antiseizure medication and surgery and their effects on an epileptic brain. | |
| Chair: Dr Wessel Woldman (University of Birmingham, UK) | |
| 9:00 - 9:30 | Prof. John Terry (University of Birmingham, UK) |
| 9:30 - 10:00 | The Lived Experience Perspective |
| *Coffee/Tea break 10:00-10:30* |  |
| 10:30 - 11:10 | Dr Michael Carter (University Hospitals Bristol and Weston NHS Foundation Trust, UK) |
| 11:10 - 11:50 | Dr Mangor Pedersen (Auckland University of Technology, New Zealand) |
| 11:50 - 12:30 | Prof. Maeike Zijlmans (University Medical Center Utrecht, Netherlands) |
| *Lunch 12:30-13:30* | |
| Session 2: Brain stimulation 13:30-16:00 | |
| In this session, interdisciplinary researchers and industrial partners will present their work on brain stimulation (e.g., Vagus Nerve Stimulation and Deep Brain Stimulation) as an alternative treatment for epilepsy. | |
| Chair: Prof. Clare Anderson (University of Birmingham, UK) | |
| 13:30 - 14:10 | Dr Rachel June Smith (University of Alabama at Birmingham, US) |
| 14:10 - 14.50 | LivaNova |
| 14:50 – 15:30 | [Dr Shanika Samarasekera](#bookmark) (University Hospitals Birmingham NHS Foundation Trust, UK) |
| *Coffee/Tea break 15:30-16:30* | |
| Session 3: Networking & Poster Session 16:30 – 18:30 | |
| This session provides an opportunity for all attendees to present their work and to engage with other participants. | |
| *Poster session & drinks 16:30-18:30* | |
| Poster Competition: Results and Winner 18:30 -18:40 | |
| *Workshop dinner at the White Swan, Edgbaston (Birmingham) 19:00 onwards* | |

Day 2: June 13, 2024

## Room: The Writers' Suite

|  |  |
| --- | --- |
| *Coffee and welcome by workshop organisers: 9:00-10:00* | |
| Session 4: Animal models 10:00-12:00 | |
| In this session, we will explore how animal models and a range of techniques (e.g., optogenetics) can be used to improve our understanding of seizure initiation and termination in an epileptic brain. | |
| Chair: Dr Alfredo Gonzalez-Sulser (University of Edinburgh, UK) | |
| 10:00-10:40 | Prof. Carola Haas (University of Freiburg, Germany) |
| 10:40-11.20 | Dr Joseph Valentino Raimondo (University of Cape Town, South Africa) |
| 11:20-12:00 | Dr Gareth Morris (University of Manchester, UK) |
| *Lunch 12:00-13:30* | |
| Session 5: Meet the SMQB team 13:30 – 16:00 | |
| During this session, members of the Centre for Systems Modeling & Quantitative Biomedicine (SMQB) will showcase their work with the aim to stimulate potential collaborations with workshop participants. | |
| Chair: TBC | |
| Short presentations from the SMQB team 13:30 – 14:30 | |
| *Coffee/Tea break 14:30-15:00* | |
| Round table discussion among all participants 15:00 – 16:00 | |
| Facilitators: Dr Isabella Marinelli and Dr Aravind Kumar Kamaraj (University of Birmingham, UK) | |
| *Closing remarks 16:00-16:10* | |