## **Day 1 - 25<sup>th</sup> August 2025 (Monday)**

- Welcome Address (9:00 am BST) –
   https://teams.microsoft.com/l/meetup join/19%3ameeting OWM1ODA1NTAtODY2Ni00M2IzLTkyNTAtOGY1NjRiZTUzNmY4%
   40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4 bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91 5192657eae6c%22%7d
- Principles of Neuronal Modelling, Cian O'Donnell (9:15 am BST) https://teams.microsoft.com/l/meetup join/19%3ameeting\_ZDZjNzNmZmQtMDRIOS00ZmRkLTg4YTAtMmExZjhlMmZlZjhk%4
   Othread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4 bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91 5192657eae6c%22%7d
- Mathematics for Neuroscience, Barry Dillon (9:45 am BST) https://teams.microsoft.com/l/meetupjoin/19%3ameeting\_MjhjY2UwNDUtMmlzYi00NzljLTkyYmltOGJmMzl2NmE2ZjNj%40thr ead.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d
- Introduction to Computational Modelling, Cian O'Donnell & KongFatt Wong-Lin (14:45 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_ZDkxN2I4OTAtZWIzOC00YTM5LWE0MWItOTM0M2ZIYWFjYzli%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Lab Day 1 (17:30 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_YTM4MmZmOTgtY2FiMy00NjEyLWFhMTYtZjhkM2FIYzA2ZGJh%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>

# Day 2 - 26th August 2025 (Tuesday)

- Ionostasis at the Tripartite Synapse, Marinus Toman (9:00 am BST) –
   <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_MjYyYmUyM2ltZDdmNy00MDg5LWFIMjktMGI2NmI2MTNiZTg4%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- How to measure information transfer in the brain?, Fleur Zeldenrust (11:15 am BST) https://teams.microsoft.com/l/meetupjoin/19%3ameeting MTk1ZjEwMDMtNWUxNC00MzZhLTlmOTYtMjA1N2E4NWYxNWFj %40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d
- Computational modelling of plasticity and learning in brains, Cian O'Donnell (14:30 pm BST) - <a href="https://teams.microsoft.com/l/meetup-">https://teams.microsoft.com/l/meetup-</a>

join/19%3ameeting NTcxODEzMTgtM2RhZS00Mjg5LWFiMjgtOTMyMzgzYjI4ZjEw%40t hread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d

Lab Day 2 (17:30 pm BST) - <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_MDgzMzk1ZDltMGU1Zi00ZGUwLTgzMWMtZDhiNWM5YzhjMDZh%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>

## Day 3 - 27th August 2025 (Wednesday)

- Neural Signal Processing, Saugat Bhattacharyya (9:00 am BST) –
   <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_YWJIY2MxMzMtZDYyNi00YzA2LTk0ODctOTc5MjJjOGFIZjZl%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Fundamentals of functional and effective connectivity and their applications to neurodevelopmental and mental health conditions, Maria Dauvermann (11:15 am BST) https://teams.microsoft.com/l/meetupjoin/19%3ameeting\_MDQzYjZmMjUtOTkwYS00NTQwLWEyN2EtMDMwZWFmMWE5N zc5%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d
- Modelling the dynamics of decision-making, KongFatt Wong-Lin (14:30 pm BST) –
   <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_ZTFINDkyNDUtNzg4OC00NDEyLTkyMjEtMjkwODBkM2YzODg5%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Panel Discussion (16:15 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_NTA4NTc1NDltOTc3MC00MjJmLThhY2QtMWNiNjAyZjY3YzNl%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Lab Day 3 (17:30 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_MjNiN2U1N2EtMDliNC00MmYwLWJkNmEtZmMzMjAzYmVkM2I0%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>

### Day 4 - 28th August 2025 (Thursday)

 Using EEG Signals for Implicit Brain-Machine Interactions and Inclusive and Equitable Neurotechnologies, Mahnaz Arvaneh (9:00 am BST) – <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_Yml2ZGU0ZDYtN2JmYy00YWJkLWJiYWItOGU4OTM5NTNjNTUy">https://teams.microsoft.com/l/meetup-join/19%3ameeting\_Yml2ZGU0ZDYtN2JmYy00YWJkLWJiYWItOGU4OTM5NTNjNTUy</a> %40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d

- Magnetoencephalography and its application to Neurorehabilitation, Girijesh Prasad (10:45 am BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_M2RkNWU3MDEtMjY3OS00ZDcwLWI4MjItM2FjMzQ3ZDhkMGQw%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Evolvable Brain-Inspired Hardware Based on Memristors, Xingming Shi (14:30 pm BST)

   https://teams.microsoft.com/l/meetup-join/19%3ameeting\_M2Y1N2U5MjUtZDFhOC00YWQ5LTg4OTEtYmUwMTQwMTBhZDA1%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d
- Panel Discussion (16:30 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_ZWFhYjc0OGQtMTk0ZC00NDQ5LWEwMGYtYzA2YThiNGFkNmRm%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Lab Day 4 (17:30 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_MWMxMTgzZTQtOTg1Yy00ZmlxLTkxY2QtYTRkYWY5YjM0YjZm%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>

## Day 5 - 29th August 2025 (Friday)

- Bridging Neuroscience and Al: Large-Scale Neural Modelling with SpiNNaker, Steve Furber (9:00 am BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_ZjdlMjM1ZGYtYWExMC00M2NILThmMjUtZjFjMWM1MDBjOTVi%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Introduction to Continual Learning, Shirin Dora (10:45 am BST) https://teams.microsoft.com/l/meetup join/19%3ameeting\_NWE3YzA4ODAtNjUxNS00YzViLWI5OTAtMmJmZWNkMmU3ZjBi
   %40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4 bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91 5192657eae6c%22%7d
- Decoding mental imagery from electroencephalography (EEG) and applications of Alenabled wearable neurotechnology for communication and rehabilitation, Damien Coyle (17:00 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_NDA4YWZmNWMtNDVhZC00NzY1LTgzMjMtZGVmY2UzZTQyMmY2%40thread.vz/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>

Lab Day 5 (17:30 pm BST) - <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_Y2I4YTI4Y2ItMTI2NC00MjgxLTIIOGMtNmQyMTY2ZTI3Y2Vm%40th\_read.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>

#### Day 8 - 1st September 2025 (Monday)

- Participant presentation (9:30 am BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_MWI0MTcxZGEtMjNiMy00MzM5LWJjM2QtMmQxOGI1NTlyZjZm%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Advancing Neurotechnology-Driven Therapeutics for Alzheimer's Disease: Mechanistic and Clinical Perspectives, Javier Minguez (13:45 am BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_NGI0Zjg0ZTctZDA4MC00NzY2LThiMWQtMmZIYWEzZjVkZjRj%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Industry Talk, Fred Jordan (14:30 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_OGY4NzY1MzAtYmFhMC00MzI3LTg4MGMtMzY5NWYwZmYxZjM0%40thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>
- Closing Remarks (15:15 pm BST) <a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting\_YzI4YmUyZjAtNzU3Yi00OTQ1LTk4N2MtMTYzNDZmYzQ0ZDYy%4\_0thread.v2/0?context=%7b%22Tid%22%3a%226f0b9487-4fa8-42a8-aeb4-bf2e2c22d4e8%22%2c%22Oid%22%3a%22d3079e99-7fd1-41a0-ae91-5192657eae6c%22%7d</a>