

# **DAY 1**

|              |                                                |
|--------------|------------------------------------------------|
| <b>08:30</b> | <b>Registration &amp; Coffee</b>               |
| <b>09:00</b> | <b>Introductions &amp; An Overview of TUS</b>  |
| <b>09:30</b> | <b>Lecture: Ultrasound Physics</b>             |
| <b>10:15</b> | <b>Coffee Break</b>                            |
| <b>10:30</b> | <b>Lecture: Target Engagement</b>              |
| <b>11:15</b> | <b>Q&amp;A</b>                                 |
| <b>11:45</b> | <b>Safety</b>                                  |
| <b>12:30</b> | <b>Lunch</b>                                   |
| <b>13:30</b> | <b>Practical: Visualising Ultrasound</b>       |
| <b>14:00</b> | <b>Practical: TUS Coupling and Positioning</b> |
| <b>16:15</b> | <b>Practical: TPO Experimental Control</b>     |
| <b>18:00</b> | <b>Dinner at VQ Bloomsbury</b>                 |

## **DAY 2**

|              |                                                                 |
|--------------|-----------------------------------------------------------------|
| <b>08:45</b> | <b>Welcome &amp; Coffee</b>                                     |
| <b>09:00</b> | <b>Lecture: Biomechanisms</b>                                   |
| <b>09:45</b> | <b>Lecture: Protocols &amp; Effects</b>                         |
| <b>10:30</b> | <b>Lecture: Confounds &amp; Experimental Design</b>             |
| <b>11:15</b> | <b>Coffee</b>                                                   |
| <b>11:30</b> | <b>Lecture: Plasticity and State Dependency</b>                 |
| <b>12:30</b> | <b>Lunch</b>                                                    |
| <b>13:30</b> | <b>Practical: Simulations</b>                                   |
| <b>14:30</b> | <b>Practical: Neuronavigation, TUS Coupling and Positioning</b> |
| <b>17:00</b> | <b>Workshop End</b>                                             |