



MDS-ES School for Advanced Therapies for Movement Disorders
Liverpool, United Kingdom • November 27-29, 2025

DAY 1 – Thursday, November 27, 2025	
12:30-13:15	Registration
Session 1 Chairs: Antonella Macerollo & Jibril Osman-Farah	
13:15-13:30	Welcome and Introduction from Course Directors <i>Antonella Macerollo & Jibril Osman-Farah</i>
13:30-14:00	Parkinson's Disease: Clinical definition and overview of recently completed clinical trials <i>Oliver Bandmann</i>
14:00-14:30	Pathophysiology of Motor Fluctuations <i>Michele Hu</i>
14:30-15:00	The concept of continuous dopaminergic stimulation <i>Camille Carroll</i>
15:00-15:15	Question & Answer Session
15:15-15:45	COFFEE BREAK
Session 2 Chairs: Oliver Bandmann & Michelle Hu	
15:45-16:15	Apomorphine: An overview on efficacy and selection criteria <i>Monty Silverdale</i>
16:15-16:45	Levodopa/Carbidopa Intestinal Gel: An overview on efficacy and selection criteria <i>Christopher Kobylecki</i>
16:45-17:15	Innovations in the Infusion Therapies Field: Subcutaneous Levodopa Pumps Effect <i>Camille Carroll</i>
17:15-17:30	Question & Answer Session
SMALL GROUP SESSION	
17:30-18:30	Evaluating Pump Therapies Outcome: Video Cases Delegates split into 3 groups - Each groups lasts 1 hour GROUP 1: Michele Hu & Antonella Macerollo GROUP 2: Christopher Kobylecki & Monty Silverdale GROUP 3: Oliver Bandmann & Camille Carroll
18:30	Day 1 Closing Remarks & Adjournment <i>Antonella Macerollo & Jibril Osman-Farah</i>
19:30	PARTICIPANT DINNER <i>Held Off-site. Participants should coordinate own transportation</i> Radisson Blu Hotel, Liverpool 107 Old Hall St, Liverpool L3 9BD, United Kingdom



DAY 2 – Friday, November 28, 2025

8:15-8:30	Welcome Day 2 from Course Directors <i>Antonella Macerollo & Jibril Osman-Farah</i>
Session 1 Chairs: Jibril Osman-Farah & Andrea Kuhn	
8:30-9:00	Deep Brain Stimulation for Parkinson's disease: Selection criteria and troubleshooting <i>Nicola Pavese</i>
9:00-9:30	Deep Brain Stimulation for Dystonia: Selection criteria and troubleshooting <i>Marie Vidailhet</i>
9:30-10:00	Deep Brain Stimulation for Tremor: Selection criteria and troubleshooting <i>Sundus Alusi</i>
10:00-10:15	Question and Answer Session
10:15-10:45	COFFEE BREAK
Session 2 Chairs: Sundus Alusi & Guenther Deuschl	
10:45-11:15	The role of Local Field Potentials (LFGs) in Deep Brain Stimulation management <i>Andrea Kuhn</i>
11:15-11:45	The role of imaging in Deep Brain Stimulation planning and programming <i>Antonella Macerollo</i>
11:45-12:00	Question and Answer Session
12:00-13:25	LUNCH
Session 3 Chairs: Antonella Macerollo & Marie Vidailhet	
13:30-14:00	MRI guided focused ultrasound for Essential Tremor: State of art and future directions <i>Steffen Paschen</i>
14:00-14:30	MRI guided focused ultrasound for Parkinson's Disease: State of art and future directions <i>Iciar Aviles Olmos</i>
14:30-15:00	What are the main challenges in treating patients with MRI guided focused ultrasound? <i>Tom Gilbertson</i>
15:00 – 15:15	Question and Answer Session
15:15 – 15:45	COFFEE BREAK
SMALL GROUP SESSION	
15:45-17:45	Evaluating DBS Settings & MRI guided FUS outcome in Video Cases 5 groups in parallel: Each group lasts 20 minutes Station 1 (DBS – Parkinson's disease): Nicola Pavese & Jibril Osman-Farah Station 2 (DBS - tremor): Sundus Alusi Station 3 (DBS – dystonia): Marie Vidailhet & Andrea Kuhn Station 4 (MRIGFUS - tremor): Steffen Paschen & Antonella Macerollo Station 5 (MRIGFUS - PD): Iciar Aviles & Tom Gilbertson
17:45	Day 2 Closing Remarks & Adjournment <i>Antonella Macerollo & Jibril Osman-Farah</i>



DAY 3 – Saturday, November 29, 2025

8:15-8:30	Welcome Day 3 from Course Directors <i>Antonella Macerollo & Jibril Osman-Farah</i>
Session 1 Chair: Antonella Macerollo	
8:30-9:00	What is essential in the development of efficient new neurofunctional services and related leadership? The neurologist's opinion - <i>Elena Moro</i>
9:00-9:30	What is essential in the development of efficient new neurofunctional services and related leadership? The neurosurgeon's opinion - <i>Jibril Osman-Farah</i>
9:30-10:00	Maintain a High-Quality Functional Neurosurgery Center <i>Jibril Osman-Farah</i>
10:00-10:30	Multidisciplinary Team Management and Organization of a Pump Therapies Service <i>Jay Panicker</i>
10:30-10:45	Question and Answer Session
10:45-11:15	COFFEE BREAK
SMALL GROUP SESSION	
11:15-12:15	Workshop: Clinical service development (4 domains: priorities, challenges, solutions & monitoring) Delegates split into 2 groups to discuss these four domains Group 1: Elena Moro & Jibril Osman-Farah Group 2: Antonella Macerollo & Jay Panicker
12:15-12:30	Question & Answer Session
12:30	Closing Remarks <i>Antonella Macerollo & Jibril Osman-Farah</i>