

ECCN 2025 HYBRID PROGRAMME

Wednesday 10th September	
0900-0930	Opening ceremony and Stålberg service awards presentation
0930-1030	<p>Opening lecture</p> <p>Baby Brain Waves: EEG Monitoring for Neonatal Neurocritical Care in the AI Era</p> <p>Speaker: <i>Geraldine Boylan</i></p> <p>Chaired by: <i>Ronit Pressler & Andrea Antal</i></p>
1100-1230	<p>The epileptic spike across scales: Bridging animal, computational, and clinical data</p> <p><i>Marco De Curtis</i> <i>Mehmet-Alihan Kayabas</i> <i>Francesca Bonini</i></p>
1230-1330	<p>Tips for trainees</p> <p><i>Agnes Trebuchon</i> <i>Isabelle Lambert</i></p>
1400-1530	<p>Pathophysiology of rigidity in Parkinson's disease</p> <p><i>John Rothwell</i> <i>Antonio Suppa</i> <i>Antonella Macerollo</i></p>
1600-1730	<p>Epileptic seizure classification: Electro-clinical perspectives</p> <p><i>Sándor Beniczky</i> <i>Ronit Pressler</i> <i>Sameer Zuberi</i></p>
1730-1830	<p>The Hagbarth lecture in human neurophysiology</p> <p>Oscillatory brain state-dependent and closed-loop stimulation: novel avenues for individualized brain stimulation therapy</p> <p>Speaker: <i>Ulf Ziemann</i></p> <p>Chaired by: <i>Walter Paulus & John Rothwell</i></p>

Thursday 11th September

0800-0900	EMG and AI in clinical neurophysiology <i>Joe F Jabre</i> <i>Jacquie Deeb</i>
0900-1030	Neurophysiology beyond the muscle membrane <i>Roger Whittaker</i> <i>James Alix</i> <i>Hatice Tankisi</i>
1100-1200	The Buchthal lecture in EMG and peripheral neurophysiology Peripheral nervous system signs and symptoms: A question of lesion, excitability, or central modulation? Speaker: <i>Jean-Pascal Lefaucheur</i> Chaired by: <i>Hatice Tankisi and Christian Krarup</i>
1200 - 1300	Altered infant sleep spindles improve prediction of cerebral palsy. <i>Catherine Chu - PRE-RECORDED SESSION</i> When to suspect electrographic and or clinically subtle seizures in acute brain injury across different age groups - Iratxe Maestro Saiz - PRE-RECORDED SESSION
1400-1530	Seizure burden in critically ill neonates, children, and adults: Does it matter? <i>Geraldine Boylan</i> <i>Cecil Hahn</i> <i>Nicolas Gaspard</i>
1600-1730	Seizure semiology in and around the frontal lobe: From cradle to operating table <i>Rachel Thornton</i> <i>Aileen McGonigal</i> <i>Fabrice Bartolomei</i>
1730-1830	Lopes da Silva lecture EEG: from waves to imaging to prediction Speaker: <i>Margitta Seeck</i> Chaired by: <i>Jacquie Deeb & Anita Kamondi</i>

Friday 12th September

0800-0900

Traumatic nerve injury

*Ruth Van Der Looven
Ashley Simpson*

0900-1030

EEG biomarkers of vigilance fluctuations and non-invasive brain stimulation response in Alzheimer's disease: Hans Berger's legacy

*Claudio Babiloni
Verónica Henao Isaza
Bahar Güntekin*

1100-1200

Closing lecture

Adventures in memory and imagination – Transient epileptic amnesia and imagery extremes

Speaker: *Adam Zeman*

Chaired by: *Jonathan Cole & Sushma Goyal*