

Friday, 17. April 2026

Workshop

9: Neuroscience

Friday, April 17, 2026, 08:00 - 09:30

WS.09.01 - Transcranial Doppler

♦ **Max No. participants:** 20

♦ **Price:** US\$ 50 | **Reduced Fee:** US\$ 23

Workshop Instructor: Mourad Amor (Rabat, Morocco)

Workshop

9: Neuroscience

Friday, April 17, 2026, 09:45 - 11:15

WS.09.02 - EEG

♦ **Max No. participants:** 30

♦ **Price:** US\$ 30 | **Reduced Fee:** US\$ 15

Workshop Lead: Patrick Purdon (Stanford, United States)

Workshop Instructor: Rodrigo Gutierrez (Santiago, Chile)

Workshop Instructor: Jamie Sleigh (Hamilton, New Zealand)

Workshop Instructor: Choon-Looi Bong (Singapore, Singapore)

Workshop

9: Neuroscience

Friday, April 17, 2026, 13:50 - 15:20

WS.09.03 - Pupillometry And Brain Care

♦ **Max No. participants:** 20

♦ **Price:** US\$ 50 | **Reduced Fee:** US\$ 23

PBLD

9: Neuroscience

Friday, April 17, 2026, 16:30 - 17:30

PBLD 1

PBLD.09.01 - SAH With Tako-Tsubo

♦ **Max No. participants:** 12

♦ **Price:** US\$ 15

PBLD Moderator: Cristiane Tavares (São Paulo, Brazil)

PBLD

9: Neuroscience

Friday, April 17, 2026, 16:30 - 17:30

PBLD 2

PBLD.09.02 - Polytrauma

♦ **Max No. participants:** 12

♦ **Price:** US\$ 15

PBLD Moderator: Rafael Badenes (Valencia, Spain)

PBLD

9: Neuroscience

Friday, April 17, 2026, 16:30 - 17:30

PBLD 3

PBLD.09.03 - Coma of Unknown Origin

♦ **Max No. participants:** 12

Scientific programme

19th WCA 2026 - 15-19 April 2026, Marrakech, Morocco

♦ **Price:** US\$ 15

PBLD Moderator: Lori Shutter (Pittsburgh, United States)

Saturday, 18. April 2026

Lecture Session

9: Neuroscience

Saturday, April 18, 2026, 08:30 - 10:00

Recent Advances

Chair: Chiara Robba (Genoa, Italy)

Introduction	08:30 - 08:32
Biomarkers for triage and neuroprognostication	08:32 - 08:50
Speaker: Virginia Newcombe (Cambridge, United Kingdom)	
What does surgery do to the brain: neuroinflammation, neurocognitive decline and risk for dementia	08:50 - 09:08
Speaker: Lars Eriksson (Stockholm, Sweden)	
Neuromonitoring oxygenation, ICP and microdialysis	09:08 - 09:26
Speaker: Lori Shutter (Pittsburgh, United States)	
Sedation in NeuroICU	09:26 - 09:44
Speaker: Rafael Badenes (Valencia, Spain)	
Question and Answer - Panel	09:44 - 10:00

Lecture Session

9: Neuroscience

Saturday, April 18, 2026, 10:30 - 12:00

Traumatic Brain & Spine Injury

Chair: Virginia Newcombe (Cambridge, United Kingdom)

Introduction	10:30 - 10:32
OR management TBI	10:32 - 10:50
Speaker: Girija Prasad Rath (New Delhi, India)	
Monitoring & Managing intracranial pressure OR and ICU	10:50 - 11:08
Speaker: Chiara Robba (Genoa, Italy)	
Transfusion triggers in TBI	11:08 - 11:26
Managing acute spine injuries	11:26 - 11:44
Speaker: Samy Abdel Raheem (Asyut, Egypt, Arab Rep.)	
Question and Answer - Panel	11:44 - 12:00

Lecture Session

9: Neuroscience

Saturday, April 18, 2026, 13:30 - 14:30

The Brain And Hypotension

Chair: Yuming Peng (Beijing, China)

Introduction	13:30 - 13:32
Cerebrovascular autoregulation and anaesthesia	13:32 - 13:47
Speaker: Adrian Gelb (San Francisco, United States)	
Should cerebrovascular autoregulation be monitored - and how?	

Speaker: Erta Beqiri (Cambridge, United Kingdom)	13:47 - 14:02
Personalized blood pressure titration	14:02 - 14:17
Question and Answer - Panel	14:17 - 14:30

Lecture Session

9: Neuroscience

Saturday, April 18, 2026, 14:35 - 15:35

Subarachnoid and Intracerebral Haemorrhage

Chair: Erta Beqiri (Cambridge, United Kingdom)

Introduction	14:35 - 14:37
Delayed cerebral ischemia: an update	14:37 - 14:52
Haemodynamic management (incl drug choice)	14:52 - 15:07
Management of patients with spontaneous cerebral haemorrhage	15:07 - 15:22
Question and Answer - Panel	15:22 - 15:35

Lecture Session

9: Neuroscience

Saturday, April 18, 2026, 16:05 - 17:05

EEG

Chair: Choon-Looi Bong (Singapore, Singapore)

Introduction	16:05 - 16:07
Monitoring EEG in paediatric and geriatric anaesthesia	16:07 - 16:27
Speaker: Patrick Purdon (Stanford, United States)	
EEG and Nociception	16:27 - 16:47
Speaker: Rodrigo Gutierrez (Santiago, Chile)	
Question and Answer - Panel	16:47 - 17:05

Sunday, 19. April 2026

Lecture Session

9: Neuroscience

Sunday, April 19, 2026, 08:30 - 10:00

Neuroanaesthetic Challenges

Chair: Alana Flexman (Vancouver, Canada)

Introduction	08:30 - 08:32
Awake Craniotomy	08:32 - 08:50
Speaker: Mourad Amor (Rabat, Morocco)	
Pediatric posterior fossa tumor	08:50 - 09:08
Speaker: Cristiane Tavares (São Paulo, Brazil)	
Surgery for epilepsy	09:08 - 09:26
Speaker: Girija Prasad Rath (New Delhi, India)	
Neuroanaesthesia in a low-resource country	09:26 - 09:44
Speaker: Hélène Bassama (Dakar, Senegal)	
Question and Answer - Panel	09:44 - 10:00

Lecture Session

9: Neuroscience

Sunday, April 19, 2026, 10:20 - 11:50

Stroke

Chair: Cristiane Tavares (São Paulo, Brazil)

Introduction	10:20 - 10:22
Anaesthesia for mechanical thrombolysis of acute stroke	10:22 - 10:40
Clinical monitoring for perioperative stroke	10:40 - 10:58
Speaker: Alana Flexman (Vancouver, Canada)	
Covert perioperative stroke	10:58 - 11:16
Speaker: Yuming Peng (Beijing, China)	
TBA	11:16 - 11:34
Question and Answer - Panel	11:34 - 11:50