

EVENT REPORT

ESO Stroke Summer School 2025

22–26 September 2025

Athens, Greece



1. INTRODUCTION

The ESO Stroke Summer School 2025 took place in Athens, Greece, between 22 and 26 September 2025. The event was hosted at the Royal Olympic Hotel with hands-on workshops at the “Attikon” University Hospital and the Attica Rehabilitation Center.

The Summer School gathered 40 young physicians and researchers from across Europe, offering a unique opportunity to exchange knowledge with an international faculty of 70 experts in stroke medicine.

Foreword (Prof. Georgios Tsivgoulis, LOC Chair):

"It was a great honor for Athens and our University to host this important educational event of the European Stroke Organisation. The ESO Stroke Summer School 2025 combined high-level scientific lectures, interactive case discussions, and practical workshops with a cultural program highlighting the beauty and history of Athens. We are proud to have contributed to the training of the next generation of stroke specialists."



2. LOC COMPOSITION



Tsivgoulis Georgios

Professor Tsivgoulis is Professor of Neurology and the Chairman of the Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Palaiodimou Lina

Assistant Professor of Neurology & Cerebrovascular Diseases, Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Safouris Apostolos

Assistant Professor of Neurology & Neurointensive Care, Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Giannopoulos Sotirios

Professor of Neurology, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Theodorou Aikaterini

Consultant Neurologist (NHS), Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Bakola Eleni

Consultant Neurologist (NHS), at the Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Chondrogianni Maria

Consultant Neurologist (NHS), at the Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.



Mitsias Panayiotis

Professor of Neurology, at the Department of Neurology, University General Hospital of Heraklion, University of Crete, Heraklion, Greece.



Vadikolias Konstantinos

Professor of Neurology, at the Neurology Department, School of Medicine, Democritus University of Thrace, Alexandroupolis, Greece.



Karapanayiotides Theodore

Associate Professor of Neurology, at the Second Department of Neurology, Aristotle University of Thessaloniki, AHEPA University Hospital, Thessaloniki, Greece.



Vassilopoulou Sofia

Associate Professor of Neurology, serving at the First Department of Neurology, Aeginitio

Hospital, National and Kapodistrian University of Athens, Athens, Greece.

3. PROGRAMME AND LIST OF SPEAKERS

Sunday 21st September 2025

Arrivals

Monday 22nd September 2025

09:00 – 09:30	Welcome & Introduction	Georgios Tsvigoulis
09:30 – 11:15	Stroke unit care	Georgios Tsvigoulis & Panayiotis Mitsias (chairs)
09:30 – 09:50	Stroke Unit Certification	Apostolos Safouris
09:50 – 10:10	Post-stroke complications	Panayiotis Mitsias
10:10 – 10:30	Stroke mimics	Klearchos Psychogios
10:30 – 10:50	EEG monitoring in the stroke unit	Panagiota-Eleni Tsalouchidou
10:50 – 11:15	Coffee Break	
11:15 – 13:30	Heart and Brain	Georgios Tsvigoulis & Konstantinos Tsioufis & Gerasimos Filippatos (chairs)
11:15 – 11:30	Cardioneurology or Neurocardiology a new player in stroke management	Konstantinos Tsioufis
11:30 – 11:45	Heart failure and stroke	Gerasimos Filippatos
11:45 – 12:00	The role of implantable cardiac monitoring in stroke prevention	Lina Palaiodimou
12:00 – 12:15	Anticoagulants expanding indications	Aristeidis Katsanos
12:15 – 12:30	Left atrial appendage occlusion	Apostolos Tzikas
12:30 – 12:45	PFO-associated stroke	Theodore Karapanayiotides
12:45 – 13:00	PFO occlusion – the cardiologist's perspective	Konstantinos Toutouzas
13:00 – 13:30	Implantable loop recorders: Implantation Workshop	Provided by Medtronic
13:30 – 14:30	Lunch	
14:30 – 17:00	Stroke Imaging	Panayiotis Mitsias & Georgios Velonakis (chairs)
14:30 – 14:45	Vessel anatomy	George Magoufis
14:45 – 15:00	CT	Apostolos Safouris
15:00 – 15:15	MRI	Georgios Velonakis
15:15 – 15:30	Perfusion Imaging	Klearchos Psychogios
15:30 – 15:45	Neurosonology	Eleni Bakola
15:45 – 16:00	The role of TTE/TEE in stroke management	Alexandra Frogoudaki
16:00 – 16:15	The role of cardiac MRI in stroke management	Charalambos Vlachopoulos
16:15 – 16:45	Stroke Imaging: Brainomix Workshop	Provided by Medtronic
16:45 – 17:15	Coffee Break	
17:15 – 18:45	Challenging clinical cases in acute stroke management (with interactive voting system)	Apostolos Safouris & Sotirios Giannopoulos & Georgios Tsvigoulis (chairs)
17:15 – 17:30	Case 1	Aikaterini Theodorou
17:30 – 17:45	Case 2	Apostolos Safouris
17:45 – 18:00	Case 3	Odysseas Kargiotis
18:00 – 18:15	Case 4	Klearchos Psychogios
18:15 – 18:30	Case 5	Argiro Tountopoulou
18:30 – 18:45	Case 6	Ioanna Koutroulou

Tuesday 23rd September 2025

08:40 – 11:00	Stroke prevention	Theodore Karapanayiotides & Efsthios Manios & Christos Savvopoulos (chairs)
08:40 – 09:00	The role of ESUS in effective stroke prevention: fact or fiction	Georgios Tsvigoulis
09:00 – 09:20	Lipid lowering in primary and secondary stroke prevention	Haralampos Milionis

09:20 – 09:40	Genetics and stroke	Efthimios Dardiotis
09:40 – 10:00	Metabolic syndrome and stroke	Ignatios Ikonomidis
10:00 – 10:20	Inflammation and stroke: a new potential therapeutic target	Aristeidis Katsanos
10:20 – 10:40	Sleep apnea and stroke	Anastasios Bonakis
10:40 – 11:00	The importance of glycemia management in primary & secondary stroke prevention	Stavroula A Paschou
11:00 – 11:30	Coffee Break	
11:30 – 12:30	Tips & Caveats for Endovascular Treatment	Georgios Tsivgoulis & George Magoufis (chairs)
11:30 – 12:00	Neurologist perspective	Apostolos Safouris
12:00 – 12:30	Neuroradiologist perspective	Marios Psychogios
12:30 – 13:00	Stroke Innovation	Georgios Tsivgoulis & Aristeidis Katsanos (chairs)
12:30 – 13:00	Novel therapeutics beyond reperfusion in acute ischemic stroke: what's in the pipeline	Panayiotis Mitsias
13:00 – 14:00	Lunch	
14:00 – 14:30	Transfer to Attikon University Hospital	
14:30 – 18:00	Hands-On Workshop I: Acute stroke management (Attikon University Hospital)	
14:30 – 16:00	Practical Applications of Neurosonology in acute stroke (Group A)	Klearchos Psychogios; Lina Palaiodimou; Eleni Bakola, Argiro Tountopoulou
14:30 – 16:00	Endovascular Treatment Simulation (in silico simulation, Group B)	Marios Psychogios, Georgios Magoufis, Stavros Spiliopoulos, Aikaterini Anastasiou
16:00 – 16:30	Coffee Break	
16:30 – 18:00	Practical Applications of Neurosonology in acute stroke (Group B)	Klearchos Psychogios; Lina Palaiodimou; Eleni Bakola, Argiro Tountopoulou
16:30 – 18:00	Endovascular Treatment Simulation (in silico simulation, Group A)	Marios Psychogios, Georgios Magoufis, Stavros Spiliopoulos
18:00 – 18:30	Transfer to Hotel Venue	

Wednesday 24th September 2025

09:00 – 13:30	Current update in stroke management	Georgios Tsivgoulis & Silke Walter (chairs)
09:00 – 09:25	Current update in intravenous thrombolysis for acute ischemic stroke	Georgios Tsivgoulis
09:25 – 09:50	Stroke care system: challenges and gaps	Francesca Romana Pezzella
09:50 – 10:15	Mobile Stroke Units: what is new on the horizon?	Silke Walter
10:15 – 10:40	Management of minor stroke	Guillaume Turc
10:40 – 11:05	Surgical approach in acute stroke	Urs Fischer
11:05 – 11:30	Coffee Break	
11:30 – 11:55	Polypill and antithrombotics in primary stroke prevention	Simona Sacco
11:55 – 12:20	Current update in secondary stroke prevention	Peter Kelly
12:20 – 12:45	Current update in Rehabilitation clinical trials	Jesse Dawson
12:45 – 13:10	Artificial Intelligence in holistic stroke management	Carlos Molina
13:10-13:30	Current update in CVT management	Diana Aguiar de Sousa
13:30 – 14:30	Lunch Break	
14:30 – 19:00	First ESO Executive Committee meeting	ESO Executive Committee members
14:30-16:30	Uncommon causes of stroke	Apostolos Safouris & Sofia Vassilopoulou (chairs)
14:30-14:50	Fabry Disease	Georgia Papagiannopoulou
14:50-15:10	Hereditary cerebral small vessel diseases	Klearchos Psychogios
15:10-15:30	Cancer & Stroke	Konstantinos Melanis

15:30-15:50	Primary CNS angiitis	Odysseas Kargiotis
15:50-16:10	Antiphospholipid Syndrome	Maria Tektonidou
16:10 – 16:30	Thrombotic Thrombopenic Purpura	Eleni Gavriilaki

Thursday 25th September 2025

08:40 – 11:00	Intracerebral Hemorrhage	Theodore Karapanayiotides & Christos Krogias (chairs)
08:40 – 09:00	Acute management of intracerebral hemorrhage	Thorsten Steiner
09:00 – 09:20	Intracerebral hemorrhage in the young	Sofia Vassilopoulou
09:20 – 09:40	Restarting anticoagulants in AF patients with acute ICH	Eleni Korompoki
09:40 – 10:00	Medical management of subarachnoid hemorrhage	Christos Krogias
10:00 – 10:20	Cerebral amyloid angiopathy	Aikaterini Theodorou
10:20 – 10:40	Tips and caveats in intracranial aneurysm management	Michail Mantatzis
10:40 – 11:00	Cerebral AVM & dAVF management	George Magoufis
09:00 – 12:00	Second ESO Executive Committee meeting	ESO Executive Committee members
11:00 – 11:30	Coffee Break	
11:30 – 12:00	Neurosurgical Management	Efstathios Boviatsis & Panayiotis Mitsias
11:30 – 11:50	Neurosurgical management in ICH & SAH	Lampis Stavrinou
11:50 – 12:10	Neurosurgical Management in AIS	Aristotelis Kalyvas
12:10 – 13:30	Personalised stroke medicine in specific stroke subgroups	Georgios Tsvigoulis & Lina Palaodimou (chairs)
12:10 – 12:45	Current Update in Pediatric Stroke Management	Michael M Dowling
12:45 – 13:00	Stroke in the young	Lina Palaodimou
13:00 – 13:15	Stroke & Pregnancy	Eleni Bakola
13:15 – 13:30	Migraine and stroke	Maria Chondrogianni
13:30 – 14:30	Lunch Break	
14:30 – 15:00	Stroke Education	Panayiotis Mitsias & Konstantinos Vadikolias (chairs)
14:30 – 15:00	Training in stroke medicine: what's new in the horizon	Aristeidis Katsanos
15:00 – 16:40	Large-artery stroke	Aristeidis Katsanos & Odysseas Kargiotis (chairs)
15:00 – 15:20	Asymptomatic and symptomatic carotid artery stenosis: Vascular surgeon perspective	Andreas Lazaris
15:20 – 15:40	Asymptomatic and symptomatic carotid artery stenosis: Neuroradiologist perspective	Michail Mantatzis
15:40 – 16:00	Asymptomatic and symptomatic carotid artery stenosis: Neurologist perspective	Christos Krogias
16:00 – 16:20	Optimal management of intracranial atherosclerosis	Peter Schellinger
16:20 – 16:40	Non-atherosclerotic lesions of cervical and intracranial arteries	Ioanna Koutroulou
16:40 – 17:00	Coffee Break	
17:00 – 18:30	Challenging cases in stroke diagnosis (with interactive voting system)	Panayiotis Mitsias & Odysseas Kargiotis & Aristeidis Katsanos (chairs)
17:00 – 17:15	Case 1	Athina P. Tsimpiktsioglou
17:15 – 17:30	Case 2	Alexandros Triantafyllou
17:30 – 17:45	Case 3	Georgia Papagiannopoulou
17:45 – 18:00	Case 4	Argyro Tountopoulou
18:00 – 18:15	Case 5	Panagiotis Plomaritis

18:15 – 18:30	Case 6	Georgios Vourakis
---------------	--------	-------------------

Friday 26th September 2025

09:00 – 10:20	Stroke Study design and methodology: Tips & Caveats	Georgios Tsivgoulis & Aristeidis Katsanos (chairs)
09:00 – 09:20	Interpretation and design of RCTs	Aristeidis Katsanos
09:20 – 09:40	Interpretation and design of observational studies	Theodore Karapanayiotides
09:40 – 10:00	Interpretation and design of Systematic reviews and meta-analyses	Lina Palaiodimou
10:00 – 10:20	Stroke guidelines interpretation and methodology	Theodore Sergentanis
10:20 – 10:40	Coffee Break	
10:40 – 12:20	Stroke Rehabilitation	Theodore Karapanayiotides & Jobst Rudolf (chairs)
10:40 – 11:00	Robotics in stroke rehabilitation	Athanasios Tsivgoulis
11:00 – 11:20	Transcranial magnetic stimulation in stroke rehabilitation	Maria-Ioanna Stefanou
11:20 – 11:40	Occupational therapy in stroke rehabilitation	Penelope Vlotinou
11:40 – 12:00	Management of post-stroke spasticity	Jobst Rudolf
12:00 – 12:20	Management of post-stroke dysphagia	Emilia Michou
12:20-13:20	Spinal Cord Stroke	Nikolaos Ptohis & Lina Palaiodimou (chairs)
12:20 – 12:40	Spinal Cord Infarction	Maria Chondrogianni
12:40 – 13:00	Spinal Cavernous Malformations and AVMs	Georgios Magoufis
13:00 – 13:20	Spinal dural AVFs	Odysseas Kargiotis
13:20 – 14:00	Lunch Break	
14:00 – 14:30	Transfer to Attica Rehabilitation Center	
14:30 – 18:00	Hands-On Workshop II: Stroke Rehabilitation (Attica Rehabilitation Center)	
14:30 – 16:00	Botulinum toxin injection workshop (Group A)	Athanasios Tsivgoulis; Jobst Rudolf
14:30 – 16:00	Transcranial Magnetic Stimulation Workshop (Group B)	Maria-Ioanna Stefanou; Konstantina Petropoulou
16:00 – 16:30	Coffee Break	
16:30 – 18:00	Transcranial Magnetic Stimulation Workshop (Group A)	Maria-Ioanna Stefanou; Konstantina Petropoulou
16:30 – 18:00	Botulinum toxin injection workshop (Group B)	Athanasios Tsivgoulis; Jobst Rudolf
18:00 – 18:30	Transfer to Hotel Venue	

Saturday 27th September 2025

Departures

NATIONAL FACULTY

Bakola Eleni

Consultant Neurologist (NHS), Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Bonakis Anastasios

Associate Professor of Neurology & Clinical Neurophysiology, Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Boviatsis Efstathios

Professor of Neurosurgery, Second Department of Neurosurgery, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Chondrogianni Maria

Consultant Neurologist (NHS), Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Dardiotis Efthimios

Professor of Neurology, Department of Neurology, University Hospital of Larissa, University of Thessaly, Larissa, Greece.

Filippatos Gerasimos

Professor of Cardiology, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Frogoudaki Alexandra

Consultant Cardiologist, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Gavrilaki Eleni

Assistant Professor of Hematology, Second Propedeutic Department of Internal Medicine, Hippokration General Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece.

Giannopoulos Sotirios

Professor of Neurology, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Ikonomidis Ignatios

Professor of Cardiology, Second Department of Cardiology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Kalyvas Aristotelis

Consultant Neurosurgeon, Department of Neurosurgery, Evangelismos General Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Karapanayiotides Theodore

Associate Professor of Neurology, Second Department of Neurology, Aristotle University of Thessaloniki, AHEPA University Hospital, Thessaloniki, Greece.

Kargiotis Odysseas

Consultant Neurologist, "Metropolitan" Hospital of Piraeus, Piraeus, Greece.

Korompoki Eleni

Consultant of Internal Medicine, Department of Clinical Therapeutics, "Alexandra" Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Koutroulou Ioanna

Consultant Neurologist, Second Department of Neurology, Aristotle University of Thessaloniki, AHEPA University Hospital, Thessaloniki, Greece.

Lazaris Andreas

Professor of Vascular Surgery, Department of Vascular Surgery, "Attikon" University Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Magoufis George

Interventional Neuroradiologist, Director of the Department of Interventional Neuroradiology, "Metropolitan" Hospital of Piraeus, Piraeus, Greece.

Manios Efstathios

Associate Professor of Internal Medicine, Department of Clinical Therapeutics, Alexandra General Hospital, School of Medicine, National and Kapodistrian University of Athens, Athens, Greece.

Mantatzis Michail

Assistant Professor of Radiology - Neuroradiology, Department of Radiology, Interventional Neuroradiology Unit, AHEPA University General Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece.

Melanis Konstantinos

Neurologist, Research Associate, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Michou Emilia

Assistant Professor of Speech and Language Therapy, Department of Speech and Language Therapy, School of Health Rehabilitation Sciences, University of Patras, Patras, Greece.

Milionis Haralampos

Professor of Internal Medicine, First Division of Internal Medicine and Infectious Diseases Unit, University Hospital of Ioannina, University of Ioannina, Ioannina, Greece.

Mitsias Panayiotis

Professor of Neurology, Department of Neurology, University General Hospital of Heraklion, University of Crete, Heraklion, Greece.

Palaiodimou Lina

Assistant Professor of Neurology & Cerebrovascular Diseases, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Papagiannopoulou Georgia

Consultant Neurologist (NHS), Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Paschou Stavroula

Assistant Professor of Endocrinology, Department of Clinical Therapeutics, Alexandra General Hospital of Athens, Medical School, National and Kapodistrian University of Athens, Athens, Greece.

Petropoulou Konstantina

Physical Medicine & Rehabilitation Doctor, Scientific Coordinator, Department of Neurorehabilitation and Neuroplasticity, "Attica" Rehabilitation Center, Magoula, Greece.

Plomaritis Panagiotis

Consultant Neurologist (NHS), Department of Neurology, "Korgialenio – Benakio Red Cross" Hospital of Athens, Athens, Greece.

Psychogios Klearchos

Consultant Neurologist, "Metropolitan" Hospital of Piraeus, Piraeus, Greece.

Ptohis Nikolaos

Head of Interventional Radiology Department, General Hospital of Athens "G. Gennimatas", Athens, Greece.

Rudolf Jobst

Neurologist, Chairman of Department of Neurology, General Hospital of Thessaloniki "Papageorgiou", Thessaloniki, Greece.

Safouris Apostolos

Assistant Professor of Neurology & Neurointensive Care, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Savvopoulos Christos

Professor of Internal Medicine, First Propaedeutic Department of Internal Medicine, AHEPA University General Hospital of Thessaloniki, Aristotle University of Thessaloniki, Thessaloniki, Greece.

Sergentanis Theodore

Assistant Professor of Epidemiology, Laboratory of Hygiene and Epidemiology, Department of Public and Community Health, School of Public Health, University of West Attica, Athens, Greece.

Spiliopoulos Stavros

Associate Professor of Diagnostic Radiology and Interventional Radiology, Second Department of Radiology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Stavrinou Lampis

Assistant Professor of Neurosurgery, Department of Neurosurgery and Neurotraumatology, "Attikon" University Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Stefanou Maria-Ioanna

Neurologist, Research Associate, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Tektonidou Maria

Professor of Internal Medicine & Rheumatology, First Department of Propedeutic and Internal Medicine, Joint Academic Rheumatology Programme, National and Kapodistrian University of Athens Medical School, Athens, Greece.

Theodorou Aikaterini

Consultant Neurologist (NHS), Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Tountopoulou Argiro

Consultant Neurologist, Laboratory Teaching Staff, First Department of Neurology, Aeginitio Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Toutouzas Konstantinos

Professor of Cardiology, First Department of Cardiology, Hippokration General Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Triantafyllou Alexandros

Neurology Resident, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Tsalouchidou Panagiota-Eleni

Consultant Neurologist, Research Associate, Second Department of Neurology, "Attikon" University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Tsimpiktsioglou Athina

Neurology Resident, Department of Neurology, Athens Naval Hospital, Athens, Greece.

Tsioufis Konstantinos

Professor of Cardiology, First Department of Cardiology, Hippokration General Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Tsvigoulis Athanasios

Physical Medicine & Rehabilitation Doctor, Research Associate, Second Department of Neurology,

“Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece;
“Attica” Rehabilitation Center, Magoula, Greece.

Tsivgoulis Georgios

Professor of Neurology, Second Department of Neurology, “Attikon” University Hospital of Athens, National and Kapodistrian University of Athens, Athens, Greece.

Tzikas Apostolos

Interventional Cardiologist, Second Department of Cardiology, Hippokration General Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece; Department of Cardiology, European Interbalkan Medical Center, Thessaloniki, Greece.

Vadikolias Konstantinos

Professor of Neurology, Neurology Department, School of Medicine, Democritus University of Thrace, Alexandroupolis, Greece.

Vassilopoulou Sofia

Assistant Professor of Neurology, First Department of Neurology, Aeginitio Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Velonakis Georgios

Assistant Professor of Diagnostic Radiology, Department of Radiology, General University Hospital “Attikon”, National and Kapodistrian University of Athens, Athens, Greece.

Vlachopoulos Charalambos

Professor of Cardiology, First Department of Cardiology, Hippokration Hospital, National and Kapodistrian University of Athens, Athens, Greece.

Vlotinou Penelope

Assistant Professor of Occupational Therapy, Department of Occupational Therapy, University of West Attica, Athens, Greece.

Vourakis Georgios

Consultant Neurologist (NHS), Department of Neurology, University General Hospital of Heraklion, University of Crete, Heraklion, Greece.

International Faculty

Anastasiou Aikaterini

Neuroradiology Resident, Department of Neuroradiology, University Hospital Basel, Basel, Switzerland.

Aguiar de Sousa Diana

Assistant Professor of Neurology, Stroke center, Lisbon Central University Hospital, University of Lisbon, Lisbon, Portugal.

Dowling Michael

Professor of Pediatrics and Neurology, University of Texas Southwestern Medical Center Dallas, Texas, US.

Dawson Jesse

Professor of Stroke Medicine and Consultant Physician, School of Cardiovascular and Metabolic Health, College of Medical, Veterinary & Life Sciences, University of Glasgow, Glasgow, UK.

Fischer Urs

Professor of Neurology, Director and Chairman, Department of Neurology, University Hospital Bern; Switzerland President Swiss Neurological Society; President elect European Stroke Organisation, Bern, Switzerland

Katsanos Aristeidis

Associate Professor of Neurology, McMaster University & Population Health Research Institute, Hamilton, Ontario, Canada

Kelly Peter

Professor of Neurology, Stroke Service, Mater Misericordiae University Hospital, Dublin, Ireland; Health Research Board Stroke Clinical Trials Network Ireland, Dublin, Ireland.

Krogias Christos

Professor of Neurology, Chairman of Neurology Department EvK Herne - Academic Teaching Hospital Ruhr University Bochum, Germany.

Molina Carlos

Director of the Stroke Unit and Brain Hemodynamics, Department of Neurology, Vall d'Hebron University Hospital, Barcelona, Spain.

Pezzella Francesca Romana

Neurologist, Director of the Stroke Unit, Department of Neuroscience, Ao San Camillo Forlanini, Rome

Psychogios Marios

Professor of Neuroradiology, Department of Neuroradiology, University of Basel, Basel, Switzerland

Sacco Simona

Professor of Neurology, Director of the Clinical Neurology and Stroke Unit, University of L'Aquila, Italy; President European Stroke Organisation.

Schellinger Peter

Professor of Neurology and Neurogeriatrics, Chairman of the Department of Neurology and Neurogeriatrics, Johannes Wesling Klinikum Minden, Ruhr-University Bochum, Minden, Germany.

Steiner Thorsten

Professor of Neurology and Neurointensive Care, Head of the Department of Neurology, Frankfurt Hoechst Hospital, Frankfurt, Germany.

Turc Guillaume

Professor of Neurology, Department of Neurology, GHU Paris Psychiatrie et Neurosciences, Paris, France; INSERM U1266, Institute of Psychiatry and Neuroscience of Paris, Paris, France; Université Paris Cité, Paris, France.

Walter Silke

Professor of Neurology, Department of Neurology, Saarland University, Homburg, Germany.

4. EVENT DESCRIPTION

Monday 22 September 2025

The Summer School opened with a warm welcome from Prof. Georgios Tsivgoulis. The first session focused on stroke unit care, including certification standards, management of post-stroke complications, and the use of EEG monitoring in acute stroke settings. The following plenary on Heart and Brain highlighted the interplay between cardiology and neurology, with topics such as atrial fibrillation, implantable monitoring, and PFO closure.

In the afternoon, lectures and workshops on stroke imaging (CT, MRI, perfusion, ultrasound, and echocardiography) were complemented by an industry-sponsored workshops. The day concluded with an engaging interactive clinical case session using electronic voting.

Tuesday 23 September 2025

Day two emphasized stroke prevention. Sessions addressed ESUS, lipid management, genetics, inflammation, metabolic risk factors, and sleep apnea. The morning closed with a debate on endovascular treatment perspectives and a lecture on novel therapeutics beyond reperfusion.

In the afternoon, participants transferred to Attikon University Hospital for the first hands-on workshop. Divided into groups, they practiced neurosonology and took part in in-silico simulations of endovascular therapy, alternating after a break. This practical exposure was highly appreciated.



Pictured: Endovascular Treatment Simulation



Pictured: "Attikon" University Hospital of Athens, Greece

Wednesday 24 September 2025

The morning was dedicated to current updates in stroke management, covering thrombolysis, stroke systems of care, mobile stroke units, management of minor stroke, neurosurgical approaches, prevention strategies, rehabilitation trials, AI applications, and CVT. The session provided a comprehensive state-of-the-art overview.

In the afternoon, faculty discussed uncommon causes of stroke, including Fabry disease, small vessel disease, cancer-related stroke, and autoimmune disorders. Parallel to the sessions, the first ESO Executive Committee meeting took place.



Pictured: Lectures by the ESO Executive Committee Members.

Thursday 25 September 2025

The fourth day focused on intracerebral hemorrhage and neurosurgical aspects, with sessions on young-onset ICH, restarting anticoagulation, cerebral amyloid angiopathy, aneurysms, and AVMs. The personalized medicine block covered pediatric stroke, stroke in young adults, pregnancy, and migraine.

The afternoon continued with a dedicated stroke education session and a symposium on large-artery stroke, featuring perspectives from vascular surgery, neuroradiology, and neurology. The day closed with another interactive session of challenging case discussions.

Friday 26 September 2025

The final scientific day started with lectures on clinical study design and methodology (RCTs, observational studies, systematic reviews, guideline interpretation). This was followed by a block on stroke rehabilitation, highlighting robotics, TMS, occupational therapy, and management of spasticity and dysphagia.

In the afternoon, participants transferred to the Attica Rehabilitation Center for Hands-On Workshop II. Rotating groups practiced botulinum toxin injections and transcranial magnetic stimulation, reinforcing rehabilitation principles with practical skills.



Pictured: Hands-on workshops – Attica Rehabilitation Center

5. LIST OF PARTICIPANTS

40 young doctors and researchers from across Europe.

1	Antonio Ciacciarelli	Italy
2	Bogdan Cășaru	Romania
3	Benedetta Storti	Italy
4	Lili Kokoti	Denmark
5	Alexandra Maury	France
6	Alvise Fattorello Salimbeni	Italy
7	Lieselotte Vandewalle	Belgium
8	Evangelos Panagiotopoulos	Greece
9	Nick Weaver	Netherlands
10	Georgios Tsikalakis	Greece
11	Diana Lucía Tarruella Hernández	Spain
12	Philip Melton	Germany
13	Anastasia Levca	Moldova
14	Nikolaos M. Papageorgiou	Greece
15	Anastasija Solodjankina	Latvia
16	Shiv Bhakta	United Kingdom
17	Jane Buckley	Ireland
18	Petre Iulia Elena	Romania
19	Edita Malazogu	Kosovo
20	Ioannis Nikolakakis	Greece
21	Ciprian Rusu	United Kingdom
22	Ketevan Paposhvili	Georgia
23	Rui Lopes	Portugal
24	Cosmina Stoican	Romania
25	Anastasiia Tsyhanii	Ukraine
26	Artur Dziadkiewicz	Poland
27	Håvard Lisether	Norway
28	Audrey Cambier	Belgium
29	Eray Halil	Bulgaria
30	Sophia Kiechl	Austria
31	Ivana Karla Franić	Croatia
32	Johannes Teller	Germany
33	Patrícia Grilo	Portugal
34	Aidonio Fiolaki	Greece
35	Jordi Mayol Traveria	Spain
36	Mariana Shevchun	Ukraine
37	Ana Davlasheridze	Georgia
38	Sofia Mitsia	Cyprus
39	Zuzana Hanzelková	Czech Republic
40	Paola Colantuono	Italy

6. ACKNOWLEDGMENTS

The ESO Stroke Summer School 2025 was organized under the auspices of:

- The National and Kapodistrian University of Athens (NKUA)
- The Hellenic Neurological Society

With the contribution of the Hellenic Society of Cerebrovascular Diseases.

We thank all faculty members and participants for their active involvement and enthusiasm, as well as the Attikon University Hospital, the Attica Rehabilitation Center, and the Royal Olympic Hotel for hosting the scientific and educational sessions.