



13th
euro  Neuro

October 29-31, 2024 | Florence Italy



program

ENDORSED BY



SIAARTI
PRO VITA CONTRA DOLOREM SEMPER

Scientific Board

Fabio Silvio Taccone, Brussels 

Stefano Romagnoli, Florence 

Frank Rasulo, Brescia 

Venue

Firenze Palazzo dei Congressi

Villa Vittoria

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Contents

Faculty	6
Hands-on	8
Program October 29 2024	9
Program October 30 2024	10
Program October 31 2024	12
E-Posters October 29 2024	14
E-Posters October 30 2024	16
E-Posters October 31 2024	18
General information	20
Acknowledgements	22
Exhibitors	23
Layout	24





Faculty

a Anthony **Absalom**, Netherlands
Lisa **Anicetti**, Italy

b Rafael **Badenes**, Spain
Marta **Baggiani**, Italy
Francesco **Barbani**, Italy
Erta **Beqiri**, Uk
Michele **Bertoni**, Italy
Alessandro **Bertuccio**, Italy
Rita **Bertuetti**, Italy
Daniele **Biasucci**, Italy
Elisa **Bogossian**, Belgium
Pierre **Bouzat**, France
Sergio **Brasil**, Brasil
Luca **Bucciardini**, Italy

c Russell **Chabanne**, France
Gianni **Ciabatti**, Italy
Giuseppe **Citerio**, Italy

d Claire **Dahyot-Fizelier**, France

f Cristina **Ferraro**, Italy
Shirin **Frisvold**, Norway

g Antonello **Grippa**, Italy

h Raimund **Helbok**, Austria

i Carolina **Iaquaniello**, Italy

k Katarzyna **Kotfis**, Poland
Matthias **Kreuzer**, Germany

l Yoann **Launey**, France

m Victoria **McCredie**, Canada
Geert **Meyfroidt**, Belgium
Kirsten **Moller**, Denmark

n Virginia **Newcombe**, Uk

p Pierre **Pandin**, Belgium
Fabio **Picciafuochi**, Italy
Simona **Pollini**, Italy

r Frank **Rasulo**, Italy
Zaccaria **Ricci**, Italy
Chiara **Robba**, Italy
Stefano **Romagnoli**, Italy

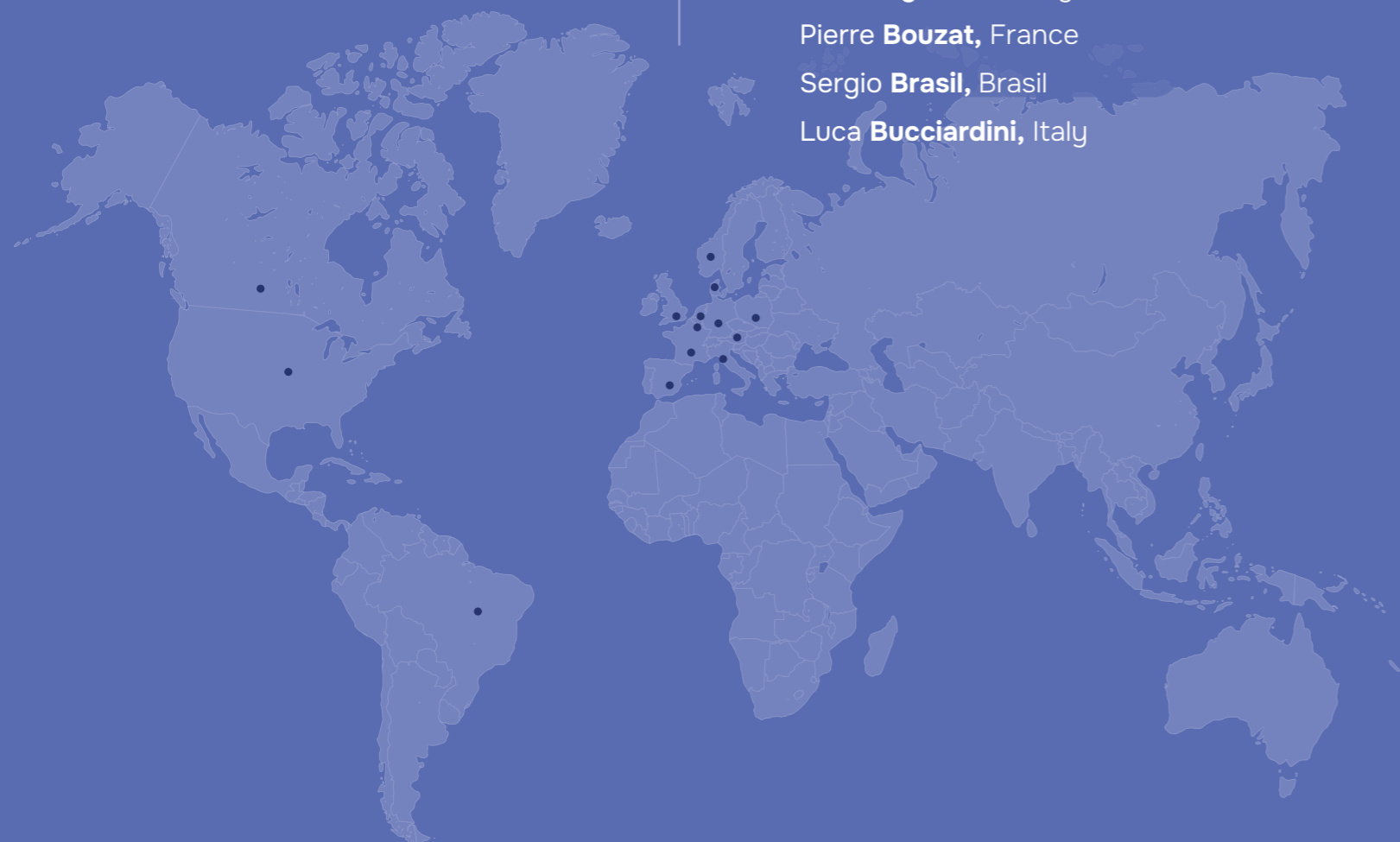
s Claudio **Sandroni**, Italy
Simone **Sarasso**, Italy

t Fabio Silvio **Taccone**, Belgium
Steven **Thiessen**, Belgium

v Lionel **Velly**, France

w Katja **Wartenberg**, Germany
Xavier **Willaert**, Belgium
Stefan **Wolf**, Germany

z Elisa **Zanier**, Italy





Room A

EEG FOR ANESTHESIA

October 29
 15.10 - 15.55 S. Romagnoli
 16.10 - 16.55 F. Barbani

October 30
 10.10 - 10.55 S. Romagnoli
 11.10 - 11.55 F. Barbani
 15.10 - 15.55 S. Romagnoli
 16.10 - 16.55 Z. Ricci

October 31
 10.10 - 10.55 S. Romagnoli
 11.10 - 11.55 Z. Ricci



Room B

PUPILLOMETRY IN ICU PATIENTS

October 29
 15.10 - 15.55 P. Bouzat
 16.10 - 16.55 M. Baggiani

October 30
 10.10 - 10.55 P. Bouzat
 11.10 - 11.55 M. Baggiani
 15.10 - 15.55 M. Baggiani
 16.10 - 16.55 F.S. Taccone

October 31
 10.10 - 10.55 P. Bouzat
 11.10 - 11.55 M. Baggiani



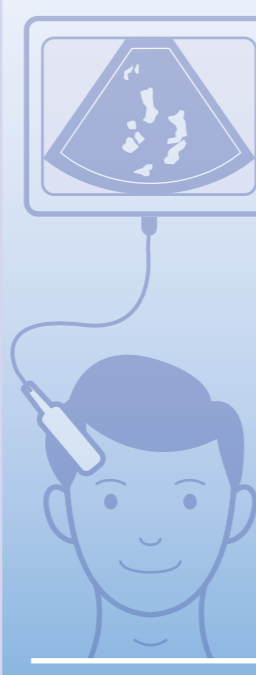
Room C

TRANS-CRANIAL DOPPLER

October 29
 15.10 - 15.55 F. Rasulo
 16.10 - 16.55 C. Robba

October 30
 10.10 - 10.55 C. Robba
 11.10 - 11.55 F. Rasulo
 15.10 - 15.55 R. Bertuetti
 16.10 - 16.55 F. Rasulo

October 31
 10.10 - 10.55 R. Bertuetti
 11.10 - 11.55 F. Rasulo



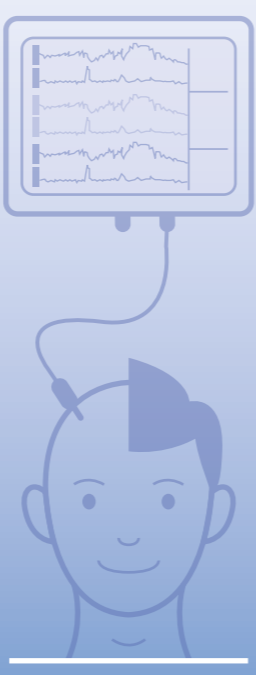
Room D

ICP MONITORING - PTO2

October 29
 15.10 - 15.55 C. Ferraro
 16.10 - 16.55 L. Anicetti

October 30
 10.10 - 10.55 C. Ferraro
 11.10 - 11.55 L. Anicetti
 15.10 - 15.55 C. Ferraro
 16.10 - 16.55 L. Anicetti

October 31
 10.10 - 10.55 C. Ferraro
 11.10 - 11.55 L. Anicetti



Plenary Room

OPENING SESSION
 CHAIRS: V. McCredie, X. Willaert

13.30 **Welcome at EuroNeuro 2024**
 S. Romagnoli

13.40 **How transfusion management should change?**
 F.S. Taccone

14.00 **Early antibiotic therapy works!**
 C. Dahyot-Fizelier

14.20 **Does every SAH patient need a lumbar drain?**
 S. Wolf

14.40 Discussion

Verde Room

TRAUMATIC BRAIN INJURY
 CHAIRS: S. Brasil, Y. Launey

15.10 **Individualize ICP management**
 C. Citerio

15.30 **Can we apply cerebral autoregulation at the bedside?**
 E. Beqiri

15.50 **Ventilatory challenges on mechanical ventilation**
 G. Ciabatti

16.10 **Brain oxygen for everyone?**
 P. Bouzat

16.30 Discussion

Onice Room

PEARLS IN NEUROANESTHESIA
 CHAIRS: M. Baggiani, P. Pandin

15.10 **Is intraoperative monitoring essential?**
 A. Grippo

15.30 **Sedation after ischemic stroke**
 M. Baggiani

15.50 **Age dependency EEG patterns during anesthesia**
 M. Kreuzer

16.10 Discussion

I HAVE A NEW IDEA
 CHAIRS: C. Dahyot-Fizelier, S. Pollini

16.40 **TUTORIAL Selective digestive tract decontamination: yes, no, maybe**
 D. Biasucci

17.15 **TUTORIAL External lumbar drainage**
 S. Wolf

NEUROSCIENCES
 CHAIRS: L. Bucciardini, G. Meyfroidt

16.20 **Animal models to improve patients care**
 E. Zanier

16.40 **Phenotyping TBI**
 S. Frisvold

17.00 **Can neurostimulation help for recovery?**
 L. Velly

17.20 **Mesenchimal cells therapy after TBI**
 G. Citerio

17.40 Discussion

CNS INFECTIONS
 CHAIRS: R. Chabanne, K. Wartenberg

15.10 **How to use cerebrospinal fluid?**
 S. Pollini

15.30 **Principles of antibiotic therapy**
 E. Bogossian

15.50 **Implantable device infections**
 C. Dahyot-Fizelier

16.10 Discussion

NEUROPHYSIOLOGY DURING ANESTHESIA
 CHAIRS: A. Grippo, X. Willaert

16.20 **pEEG can reduce complications**
 F. Rasulo

16.40 **Intraoperative cerebral desaturation**
 R. Badenes

17.00 **Evoked potentials for spine surgery**
 P. Pandin

17.20 **Skull block: What does it add?**
 D. Biasucci

17.40 Discussion

18.00 - 19.00 **E-Posters Presentation** - Exhibition Area | 18.30 - 19.30 **Welcome Reception Cocktail** - Exhibition Area



Plenary Room

Verde Room

Onice Room

SUBARACHNOID HEMORRHAGE
CHAIRS: R. Badenes, G. Citerio

- 08.30 **What's new in the guidelines?**
C. Robba
- 08.50 **The role of ICP monitoring**
K. Moller
- 09.10 **Clipping or coiling - does it matter?**
S. Wolf
- 09.30 Discussion

SECONDARY BRAIN INJURIES
CHAIRS: C. Dahyot-Fizelier, X. Willaert

- 08.30 **Blood pressure management after TBI**
L. Velly
- 08.50 **Hyponatremia after SAH**
Y. Launey
- 09.10 **Glucose management**
G. Meyfroidt
- 09.30 Discussion

SEDATION IN BRAIN INJURED PATIENTS
CHAIRS: V. Newcombe C. Sandroni

- 08.30 **How I choose my sedatives**
V. McCredie
- 08.50 **A role for inhaled agents?**
S. Frisvold
- 09.10 **Any place for barbiturates?**
D. Biasucci
- 09.30 Discussion

NEUROPROTECTION
CHAIRS: R. Helboik, E. Zanier

- 09.40 **Ketamine after TBI**
G. Meyfroidt
- 10.00 **Which is the evidence behind Nimodipine?**
K. Wartenberg
- 10.20 **Temperature management**
M. Baggiani
- 10.40 Discussion
- 10.50 **COFFEE BREAK and Exhibition Visit**

NEUROANESTHESIA
CHAIRS: G. Ciabatti, M. Kreuzer

- 09.40 **Coagulation and transfusion in spine surgery**
K. Moller
- 10.00 **Pain assessment during surgery**
Y. Launey
- 10.20 **Skull block: What does it add?**
D. Biasucci
- 10.40 **Multimodal monitoring during neurosurgery**
P. Pandin
- 11.10 **COFFEE BREAK and Exhibition Visit**

BRAIN HEMODYNAMICS
CHAIRS: S. Brasil, F. Rasulo

- 09.40 **No more burr holes to measure intracranial pressure**
S. Brasil
- 10.00 **Implementation of cerebral autoregulation in clinical protocols**
E. Beqiri
- 10.20 **In sepsis**
F.S. Taccone
- 10.40 Discussion
- 10.50 **COFFEE BREAK and Exhibition Visit**

MASTERCLASS
CHAIRS: C. Dahyot-Fizelier, Y. Launey

- 11.20 TUTORIAL **ICP waveform analysis**
S. Brasil
- 11.55 TUTORIAL **Cerebral oxygenation**
Y. Launey
- 12.30 **LUNCH BREAK**

MASTERCLASS
CHAIRS: S. Frisvold, L. Velly

- 11.20 TUTORIAL **Management of delayed cerebral ischemia**
F. Picciafuochi
- 11.55 TUTORIAL **How do I read a CT-scan**
V. Newcombe
- 12.30 **LUNCH BREAK**
- 12.30 **LUNCH SYMPOSIUM**
Implementing eeg on icu
by Nihon Kohden

MASTERCLASS
CHAIRS: C. Iaquaniello, K. Kotfis

- 11.20 TUTORIAL **How to read a cerebral MRI**
V. Newcombe
- 11.55 TUTORIAL **TTM after cardiac arrest**
F.S. Taccone
- 12.30 **LUNCH BREAK**

Plenary Room

Verde Room

Onice Room

NEUROSURGERY AND NEUROANESTHESIA
CHAIRS: Y. Launey, K. Moller

- 13.50 **Awake surgery**
A. Bertuccio
- 14.10 **How to manage sedation during thrombectomy**
R. Chabanne
- 14.30 **Delirium in pediatric patients**
Z. Ricci
- 14.50 Discussion

OXYGEN IN THE NEURO-ICU
CHAIRS: S. Brasil, K. Wartenberg

- 13.50 **Which targets?**
S. Frisvold
- 14.10 **How to monitor brain oxygenation?**
P. Bouzat
- 14.30 **How to optimized brain oxygenation?**
K. Wartenberg
- 14.50 Discussion

PROGNOSTICATION AFTER CARDIAC ARREST
CHAIRS: G. Meyfroidt, F. Picciafuochi

- 13.50 **The role of electrophysiology**
A. Grippo
- 14.10 **Biomarkers**
X. Willaert
- 14.30 **Can we predict favorable outcome?**
C. Sandroni
- 14.50 Discussion

SUBARACHNOID HEMORRHAGE
CHAIRS: E. Beqiri, R. Helbok

- 15.00 **Initial management**
C. Robba
- 15.20 **Prevention of delayed cerebral ischemia**
K. Moller
- 15.40 **Management of hydrocephalus**
S. Wolf
- 16.00 Discussion
- 16.10 **BREAK and Exhibition Visit**

PEARLS IN NEUROCRITICAL CARE
CHAIRS: L. Bucchiardini, K. Kotfis

- 15.00 **TBI management in pediatric patients**
Z. Ricci
- 15.20 **Team motivation in times of staffing and drug shortages**
K. Kotfis
- 15.40 **Pitfalls in determination of death by neurological criterial**
R. Badenes
- 16.00 Discussion
- 16.10 **BREAK and Exhibition Visit**

NON-INVASIVE NEUROMONITORING
CHAIRS: C. Dahyot-Fizelier, C. Iaquaniello

- 15.00 **Automated pupillometry**
G. Citerio
- 15.20 **How to assess brain compliance?**
S. Brasil
- 15.40 **Optic nerve sheath diameter**
L. Velly
- 16.00 Discussion
- 16.10 **BREAK and Exhibition Visit**

WORKSHOP
CHAIRS: R. Bertuetti, G. Meyfroidt

- 16.40 **Cerebral ultrasound**
C. Robba
- 17.15 **Prognostication after cardiac arrest**
C. Sandroni

I LOVE PHYSIOLOGY
CHAIRS: S. Frisvold, M. Kreuzer

- 16.40 TUTORIAL **Cerebral autoregulation**
E. Beqiri
- 17.15 TUTORIAL **EEG applied to anesthesia**
S. Romagnoli

MASTERCLASS
CHAIR: R. Chabanne

- 16.40 TUTORIAL **The Monro-Kellie doctrine 4.0**
S. Brasil

I LOVE PHYSIOLOGY
CHAIR: F. Rasulo

- 17.15 TUTORIAL **Regulation of cerebral perfusion**
E. Beqiri, V. Newcombe



Plenary Room

Verde Room

Onice Room

CURING COMA CAMPAIGN SESSION

CHAIRS: K. Kotfis, F. Rasulo

- 08.30 **Consciousness and its disorders**
S. Sarasso
- 08.50 **Diagnosis covert consciousness**
R. Helbok
- 09.10 **Treatment to restore consciousness**
G. Citerio
- 09.30 Discussion

CONTROVERSIES IN NEUROCRITICAL CARE

CHAIRS: E. Beqiri, E. Zanier

- 08.30 **Management of CPP using autoregulation**
E. Beqiri
- 08.50 **Modulating brain metabolism**
E. Bogossian
- 09.10 **Tier-three strategies to control ICP**
S. Wolf
- 09.30 Discussion

PEARLS IN NEUROANESTHESIA 1

CHAIRS: K. Moller, L. Velly

- 08.30 **NIRS monitoring in the OR**
R. Badenes
- 08.50 **Protecting the brain in cardiac surgery**
X. Willaert
- 09.10 **Decreasing neurocognitive disorders in the elderly**
A. Absalom
- 09.30 Discussion

Plenary Room

Verde Room

Onice Room

INVASIVE NEUROMONITORING

CHAIRS: F.S. Taccone, S. Wolf

- 13.10 **Intracranial Pressure monitoring in 2024**
S. Wolf
- 13.30 **Brain oxygen guided therapy**
F.S. Taccone
- 13.50 **Cerebral microdialysis**
R. Helbok
- 14.10 Discussion

TRAUMATIC BRAIN INJURY

CHAIRS: Y. Launey, V. Newcombe

- 13.10 **How biomarkers can help**
V. Newcombe
- 13.30 **Lessons learned from COGITATE**
G. Meyfroidt
- 13.50 **Communicating with families of TBI patients**
M. Baggiani
- 14.10 Discussion

CHALLENGES IN THE NEUROICU

CHAIRS: S. Romagnoli, S. Thiessen

- 13.10 **Autoimmune encephalitis**
R. Helbok
- 13.30 **Early physical therapy and tracheal decannulation**
L. Bucciardini
- 13.50 **Cognitive dysfunction after acute illness**
K. Kotfis
- 14.10 Discussion

EARLY IS BETTER

CHAIRS: G. Citerio, L. Velly

- 09.40 **Early sedation withdrawal**
R. Chabanne
- 10.00 **Early tracheostomy**
S. Thiessen
- 10.20 **Early mobilization**
M. Bertoni
- 10.40 Discussion
- 10.50 **BREAK and Exhibition Visit**

CHALLENGES IN THE NEUROICU

CHAIRS: R. Badenes, F.S. Taccone

- 09.40 **Prognostication in SAH**
S. Wolf
- 10.00 **Can the brain repair?**
E. Zanier
- 10.20 **Sedation strategies in acute brain injury**
V. McCredie
- 10.40 Discussion
- 10.50 **BREAK and Exhibition Visit**

PEARLS IN NEUROANESTHESIA 2

CHAIRS: A. Absalom, P. Pandin

- 09.40 **Continuous EEG-SEP monitoring in acute brain injury**
P. Pandin
- 10.00 **EEG for pediatric anesthesia monitoring**
Z. Ricci
- 10.20 **The role of CT perfusion**
V. Newcombe
- 10.40 Discussion
- 10.50 **BREAK and Exhibition Visit**

CONTROVERSIES IN NEUROANESTHESIA

CHAIRS: M. Baggiani, F. Rasulo

- 14.20 **How to minimize post-operative delirium**
K. Kotfis
- 14.40 **How to manage coagulopathy**
P. Bouzat
- 15.00 **DSA to monitor the depth of anesthesia**
L. Velly
- 15.20 Discussion

ORGAN DONATION

CHAIRS: G. Citerio, R. Helbok

- 14.20 **Defining death**
C. Sandroni
- 14.40 **Organ donor: Where do we are?**
R. Badenes
- 15.00 **Organ donation after ECPR**
F.S. Taccone
- 15.20 Discussion

DRUGS AND BRAIN

CHAIRS: A. Absalom, V. Newcombe

- 14.20 **Encephalopathy due to beta-lactams**
F.S. Taccone
- 14.40 **Intrathecal antibiotic administration**
E. Bogossian
- 15.00 **Augmented renal clearance: Does it matter?**
D. Biasucci
- 15.20 Discussion

MASTERCLASS

CHAIR: P. Bouzat

- 11.20 **TUTORIAL How do I manage intracranial hypertension?**
C. Iaquaniello
- 12.00 **SNACK BREAK and Exhibition Visit**

MASTERCLASS

CHAIR: P. Pandin

- 11.20 **TUTORIAL Processed EEG in anesthesia**
M. Kreuzer
- 12.00 **SNACK BREAK and Exhibition Visit**

MASTERCLASS

CHAIR: S. Brasil

- 11.20 **TUTORIAL Neuromonitoring in "non-neuro" ICU patients**
E. Bogossian
- 12.00 **SNACK BREAK and Exhibition Visit**



E- Poster Corner 1
Advances in neuroanesthesia

- P1 **Use of 3D airway printing in patients with pituitary pathology: utility in difficult airway**
MD Maria Loreto V. Matus
- P2 **Anaesthetic challenges in a patient with acromegaly and obstructive sleep apnea for endoscopic transnasal pituitary excision**
MD Kaushiki Roy
- P3 **Anesthetic management for neurosurgical laser interstitial thermal therapy (LITT) ablations**
MD Cristiano dos Santos e Santos
- P4 **Do we need to raise blood pressure at the end of neurosurgery? Findings from the HEMOSTOPART study**
MD Giorgia Braga
- P5 **Isoflurane and cerebral blood flow in subarachnoid hemorrhage**
MD Maurizio Bernardino
- P7 **Peri-operative practices of antithrombotics in neurosurgery**
MD Mrida Jhingan
- P9 **Comparison of the incidence of VAP in patients in a single-speciality neuro ICU with general ICU**
MD James Linsell

E- Poster Corner 2
Case report

- P10 **Eleveled models for total intravenous anaesthesia in infant with intraoperative neurophysiological monitoring: a case report in neurosurgery**
MD Anasthasia Devina Sutedja
- P11 **Polyuria in amygdalohippocampectomy surgery**
MD Marcelle Lucena
- P12 **Anesthetic management of laryngeal dislocation following anterior cervical discectomy and fusion**
MD Carmen Beltrán Piles
- P13 **Arrhythmia during surgery to clip a ruptured aneurysm**
MD Marcelle Lucena
- P14 **Successful management of >50% circulating blood volume loss during pediatric posterior fossa surgery**
MD Juliana Skutulienė
- P15 **Lennox-Gastaut syndrome: challenges in approach and monitoring**
MD Anna Alcantara
- P16 **From the OR to the ICU: the experience of a university hospital in awake craniotomy**
MD Rita Conde
- P17 **Remifentanil in craniotomy for tumor excision with intraoperative neuromonitoring**
MD Kaushiki Roy
- P18 **Wallenberg's syndrome in a 70-year-old male: a case report**
MD Juliana Mortágua
- P19 **Phenytoin-induced severe junctional bradycardia and hypotension: a case report**
MD Marcelo Gordinho

E- Poster Corner 3
Neuromonitoring in anesthesia and medico-surgical ICU

- P20 **Contrast-enhanced diffuse optical tomography in acute, moderate and severe traumatic brain injury: a prospective observational study**
MD Mario Forcione
- P22 **Association between cerebral oxygenation and parameters of cerebral perfusion in patients with ABI**
MD Timothée Ayasse
- P23 **Concordance of different non-invasive neuromonitoring tools**
Dr. Rossella Zangari
- P24 **Comparison of intracortical and scalp electroencephalography in patients with acute brain injury**
MD Marina Stella Cherchi
- P25 **Restoration of cerebral hypoperfusion and risk of neurological complications: a study protocol**
MD Mario Zaccarelli
- P26 **The application of core and brain temperature in traumatic brain injury: are they equivalent?**
MD Erta Beqiri
- P27 **Impact of time between diagnosis and treatment of ASAH: surgical clip vs. endovascular coiling**
MD Pedro Mota
- P28 **Characterization of traumatic spinal cord injury patients treated in the intensive care department**
MD Laura Carvalho
- P29 **Cerebral autoregulation, blood pressure management, and postoperative delirium in neurosurgery**
MD Gabriel Pujol-Fontrodona
- P30 **Non-invasive estimation of PRx based on TCD measurements: an exploratory study**
MD Ihsane Olakorede

E- Poster Corner 4
Management of acute brain injury 1

- P32 **Restrictive versus liberal transfusion strategy in patients with spontaneous intracranial hemorrhage**
MD Chiara Faso
- P33 **Determination of care preparedness and needs of caregivers of stroke patients**
MD Yusuf Aktepe
- P34 **Angiography as an ancillary test for diagnosis of death by neurological criteria: a case series**
MD Priyanka Jain
- P35 **Validation of SHELTER score in a monocentric aneurysmal subarachnoid haemorrhage cohort: an observational retrospective study**
MD Marzia Savi
- P36 **Extra-cerebral organ dysfunction in non-traumatic SAH: a retrospective observational study**
MD Teodora Dragu
- P37 **Animal models: are they applicable in human neurotrauma?**
MD Gurgen Harutyunyan
- P38 **Physiological signal entropy estimation for outcome prediction in paediatric traumatic brain injury**
MD Stefan Yu Bögli



E- Poster Corner 1
Management of acute brain injury 2

- P39 **Studying trends of autoregulation in severe head injury in pediatrics (The STARSHIP Study)**
MD S. Agrawal
- P40 **Can hyperoxemia improve outcome in ischemic stroke patients with poor intracranial collateral score?**
MD Patrizia Spiandorello
- P41 **Mechanical Thrombectomy (MT) and post-procedure destinations in a UK tertiary centre: a single-centre retrospective analysis**
MD Sam Rahul Jakkula
- P42 **Status epilepticus in a Portuguese intensive care unit: clinical characteristics and management**
MD Catarina Pacheco
- P43 **Management of seizures in ASAH in a UK neurosciences critical care unit**
MD Waraich Nanni
- P44 **Delayed ischemic neurological deficit in aneurysmal subarachnoid haemorrhage: a retrospective study**
MD Giorgia Ogliari

E- Poster Corner 2
Management of acute brain injury 3

- P45 **Inflammatory markers in vasospasm after subarachnoid aneurysmal hemorrhage**
MD Pedro Mota
- P46 **Predicting imminent intracranial pressure (ICP) insults: a comparative study of AI models**
MD Peter Galos
- P47 **Improving neurocritical care: real-time intervention recording and challenges in causal estimation**
MD Peter Galos
- P48 **Difference in outcome in isolated TBI versus polytraumatized patients**
MD Soukaina Toumi
- P49 **The effect of PEEP on ICP and cerebral autoregulation (PRx) in prone and supine positions in a porcine model**
MD Shirin Frisvold
- P50 **Calorie intake and outcome after non-traumatic subarachnoid hemorrhage**
MD Francisco M. Sousa

E- Poster Corner 3
Secondary brain injuries 1

- P51 **The impact of body temperature on cerebral metabolism in acute brain injured patients**
MD Elisa Gouvêa Bogossian
- P52 **Milrinone use in the treatment of delayed cerebral ischaemia: a retrospective study**
MD Dillon Schoeneberg
- P53 **Alternative augmentative communication in intensive care (ICU) as a tool to improve quality of care**
MD Paolo Pierattini
- P54 **Follow-up (FU) in neuro-intensive unite care (ICU)**
MD Alessandra De Luca
- P55 **Re-integration into work of patients with severe acquired brain injury (GCA) with favourable outcome**
MD Giulia Montigiani
- P56 **Early progressive mobilisation of patients with external ventricular drains: safety and feasibility**
MD Davide Papi
- P57 **Electroencephalogram versus bispectral index to detect delayed cerebral ischemia in aneurysmal SAH**
MD Marina Stella Cherchi

E- Poster Corner 4
Secondary brain injuries 2

- P58 **Postoperative delirium in spinal surgery: prevalence and risk factors**
MD Jesus Martinez
- P59 **Serum sodium concentration as predictor of vasospasm in aneurysmal subarachnoid patients**
MD Georgia Mathieson
- P60 **Early versus late mortality of hyperoxemia in ABI: subgroup analysis from a meta-analysis**
MD Alberto Ruiz-Pacheco
- P61 **Dynamics of ICP and therapy intensity level in traumatic brain injury patients: less is more?**
MD Guido Di Tommaso
- P62 **Mortality of hyperoxemia in subgroups of patients with acute brain injury: a meta-analysis**
MD Nekane Romero-Garcia
- P63 **Blood pressure variations in SAH patients during the first week post-ICU admission and their association with delayed cerebral ischemia development**
MD Anna Fornaciari

**E- Poster Corner 1****Update on neuromonitoring 1**

- P64 Does mechanical ventilation variability affect cerebral vascular reactivity?**
MD Erta Beqiri
- P65 Brain tissue oxygen tension: re-evaluating the role of capillary-end PO₂**
MD Gurgen Harutyunyan
- P66 NPI-differential dose predicts outcome at intensive care unit discharge**
MD Martina Stella Martorana
- P67 Enhancing value of the PBTO₂ in TBI through combined focal and global autoregulation monitoring**
MD Teodor Swedung Wettervik
- P68 Unveiling ICP dynamics: clustering trajectories and autoregulation phenotypes in traumatic brain injury**
MD Lorenzo Querci
- P69 Timing of invasive intracranial pressure monitoring between neurosurgeons and intensive care physicians**
MD Lara Mariani

E- Poster Corner 2**Update on neuromonitoring 2**

- P70 Estimation of cerebrovascular autoregulation using PRx index versus Mx index: why metric matters**
MD Ihsane Olakored
- P71 Predicting outcome after aneurysmal subarachnoid hemorrhage by exploitation signal complexity**
MD Yu Stefan Bögli
- P72 Quantitative pupillometry index (QPI) in comatose patients after cardiac arrest**
MD Stefano Zorzi
- P73 Cerebral autoregulation is not associated with markers of brain injury in septic patients**
MD Armin Quispe Cornejo
- P74 Cerebral blood flow response at different pressures in subarachnoid hemorrhage: a CT perfusion study**
MD Lorenzo Querci
- P74 bis Enhancing patient safety: 'unpacking' throat pack practices in a tertiary neurosurgical centre**
MD Min Xian Lim

E- Poster Corner 3**Update on neuromonitoring 3**

- P75 Application of Brain4Care in a cohort of non-neurological critically ill patients**
MD Enrico Bussolati
- P76 Electroencephalographic signature of nociception during surgery**
MD Chiara Faso
- P77 Neurological Pupil Index changes after osmotic therapy in traumatic brain injured patients**
MD Elena Modica
- P78 How changes in mean flow index components affect its results in critically ill septic patients?**
MD Eva Vitali
- P79 Quantitative Pupillometry Index and its association with other prognostic tools after cardiac arrest**
MD Gaia Furlan
- P80 The Norton Scale is an independent prognostic marker for mortality in critically ill patients**
MD Charlotte Fierens

General information

CONGRESS ORGANIZED BY

Start Promotion S.r.l.
Via Soperga, 10 - 20127 Milano (IT)
Ph.: + 39 02 6707 1383
www.startpromotion.it
E-mail: info@euroneuro2024.eu

ACCREDITATION

CME Credits



The 13th EURONEURO CONGRESS, FLORENCE, Italy, 29/10/2024 - 31/10/2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 16.5 European CME credits (ECMEC®s).

The event is listed among accredited events; [see here](#).

OFFICIAL LANGUAGES

MEETING
English, no simultaneous translation

POSTER SESSIONS
English, no simultaneous translation

VENUE

Firenze Palazzo dei Congressi
Piazza Adua, 1 - 50123 Firenze (IT)



E-POSTERS

All posters presented at euroNeuro 2024 are displayed as E-posters on touchscreen monitors located in the E-Poster Corners (see Layout Level - 1, page 23).

October 29, 2024 | h. 18.00-19.00

- E- Poster Corner 1: Advances in neuroanesthesia
- E- Poster Corner 2: Case report
- E- Poster Corner 3: Neuromonitoring in anesthesia and medico-surgical ICU
- E- Poster Corner 4: Management of acute brain injury 1

October 30, 2024 | h. 10.50-11.20

- E- Poster Corner 1: Management of acute brain injury 2
- E- Poster Corner 2: Management of acute brain injury 3
- E- Poster Corner 3: Secondary brain injuries 1
- E- Poster Corner 4: Secondary brain injuries 2

October 31, 2024 | h. 10.50-11.20

- E- Poster Corner 1: Update on neuromonitoring 1
- E- Poster Corner 2: Update on neuromonitoring 2
- E- Poster Corner 3: Update on neuromonitoring 3

At least of the Authors is requested to be in the E-Poster Corner to interact with audience.

All accepted abstracts will be published on www.euroneuro2024.eu

ON SITE SECRETARIAT

The euroNeuro Secretariat will be available on site (level -1) from 12:00 pm on Tuesday October 29 until the closing of the sessions, according to the following opening hours:

Tuesday	October 29 th	12.00 - 19.00
Wednesday	October 30 th	08.00 - 18.30
Thursday	October 31 st	08.00 - 17.00

General information

REGISTRATION FEES

Physician

Anaesthesiology, Internal medicine, Neurosurgery, Neurology, Emergency medicine.

After July 25th and onsite 400.00 €

Resident / Nurse / Physiotherapists

During the pre-registration procedure, will be required to upload a document proving their status.

After July 25th and onsite 200.00 €

Industry

Industry registration is exclusively reserved for staff of industry participating in the Exhibition or hosting a Symposium. Proof is required.

After July 25th and onsite 150.00 €

Visitor

Visitors are not allowed to attend scientific sessions.

After July 25th and onsite 150.00 €

all fees are VAT included

Registration fee include:

- Access to the Scientific Sessions and the exhibition area
- Hands-on Workshops (only if pre-registered)
- Welcome reception on 29th October
- Catering services included in the program
- Attendance certificate

The meeting bag is guaranteed only to pre-registered participants.

ONLINE REGISTRATION

Registration should be submitted online at the websites www.euroneuro2024.eu. Please read the instructions carefully before starting your registration.

INSTRUCTIONS FOR PAYMENT

Payment of the registration fees can be made as follows:

- Cash
- Credit Card (Visa, Mastercard, Maestro, Moneta)

CANCELLATION POLICY

A 50% refund of the registration fee will be paid ONLY for cancellations notified in writing **before September 27, 2024**. No refund is due for later cancellations.

INVOICING

The invoice will be sent to the address entered during registration at www.euroneuro2024.eu. Receipt of the invoice will confirm registration.

For onsite registration, we will send the invoice the next week following the event.

Acknowledgements

We are grateful to the following Companies for their unrestricted support to the success of the 13th EuroNeuro 2024:

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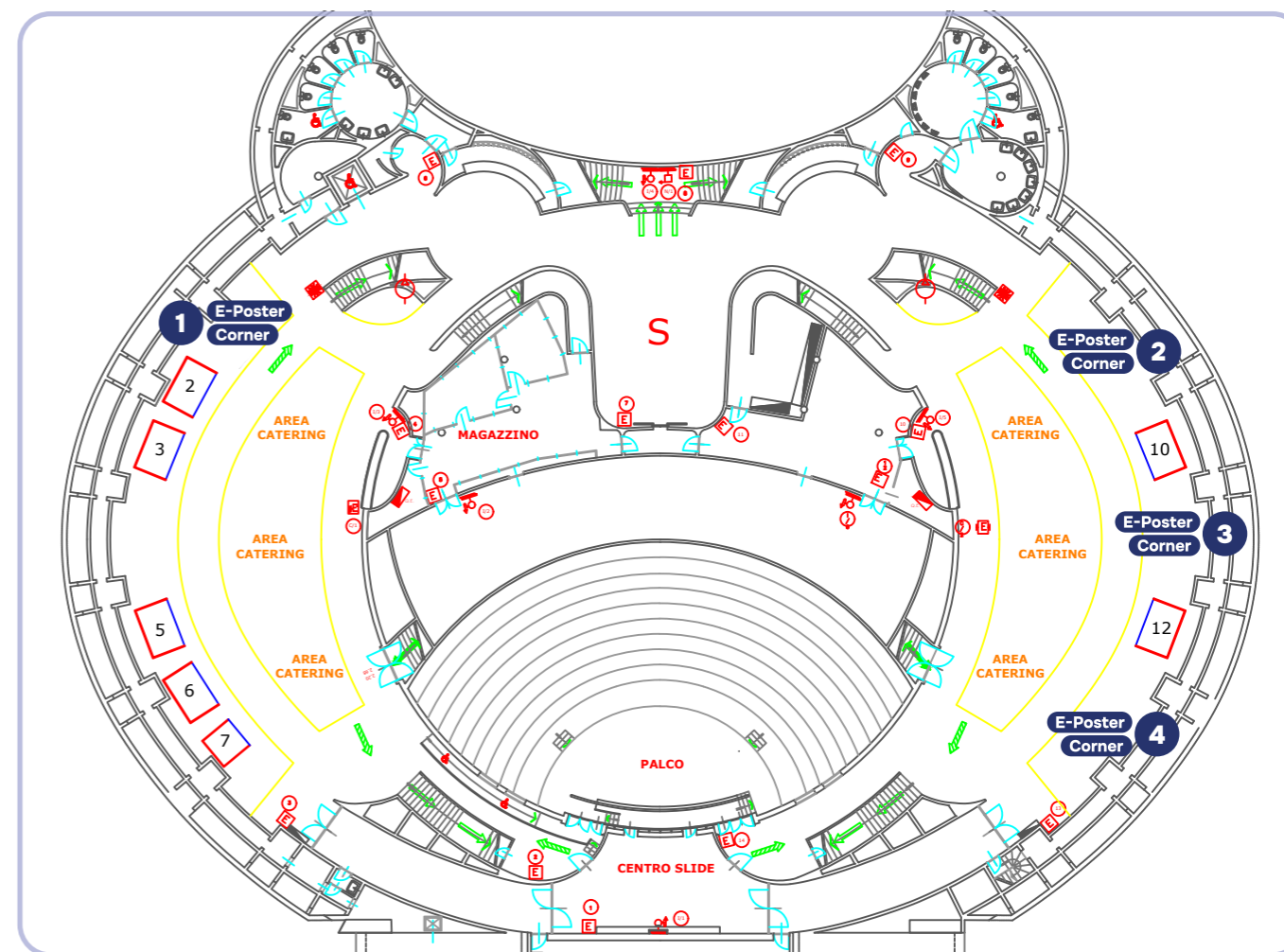


Exhibitors

COMPANY	BOOTH NR.
BECTON DICKINSON U.K. LIMITED	2
FRESENIUS KABI	7
ID-MED	10
INTEGRA	6
NEUROPTICS	3
NIHON KOHDEN	12
SOPHYSA	5

FLOOR -1 (EXHIBITION AREA AND SECRETARIAT)

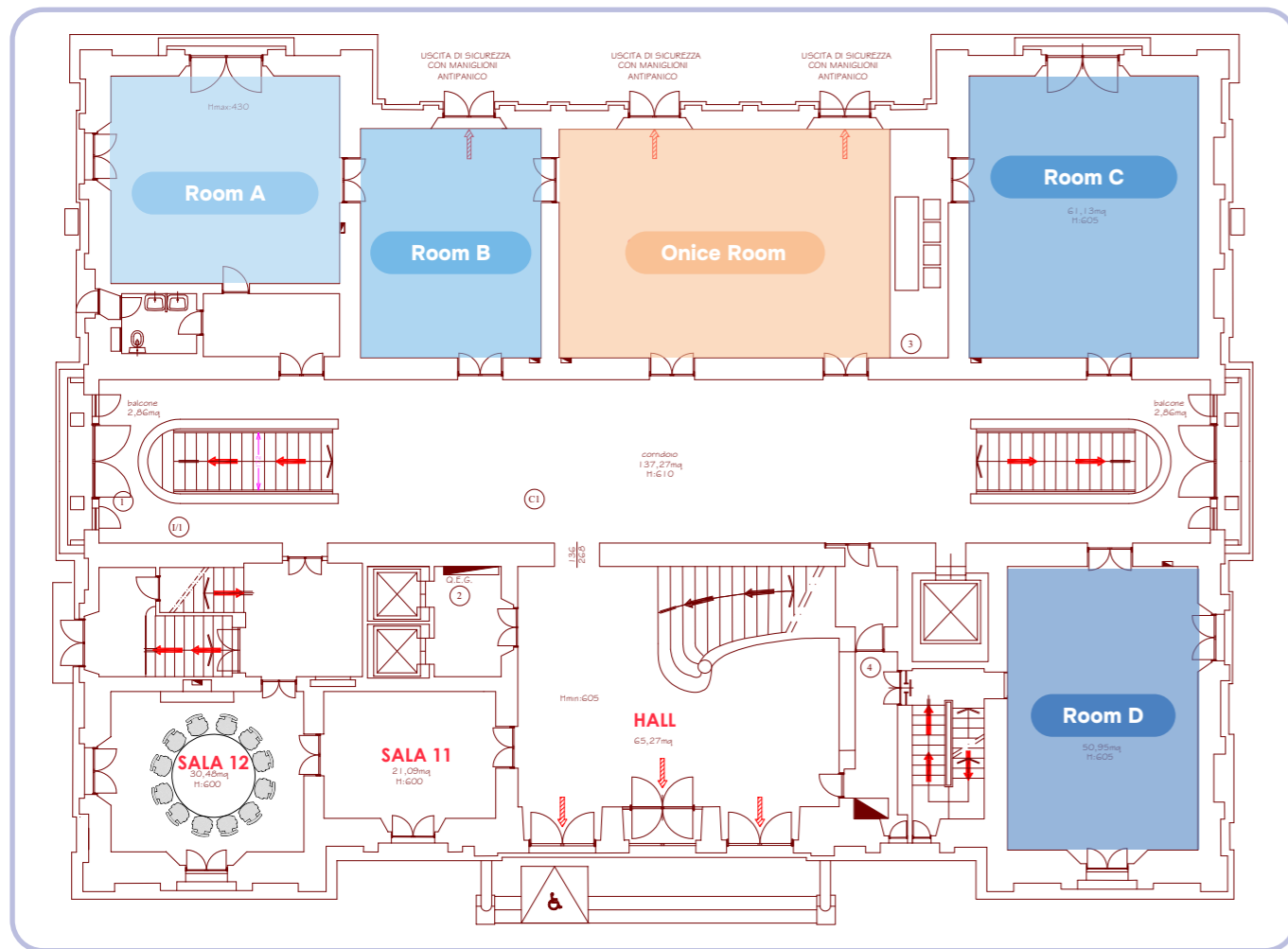
- Pre- registered
- New Registration
- Faculty
- Sponsor Companies
- Catering Areas
- Slide Center
- E-poster Corner 1, 2, 3, 4





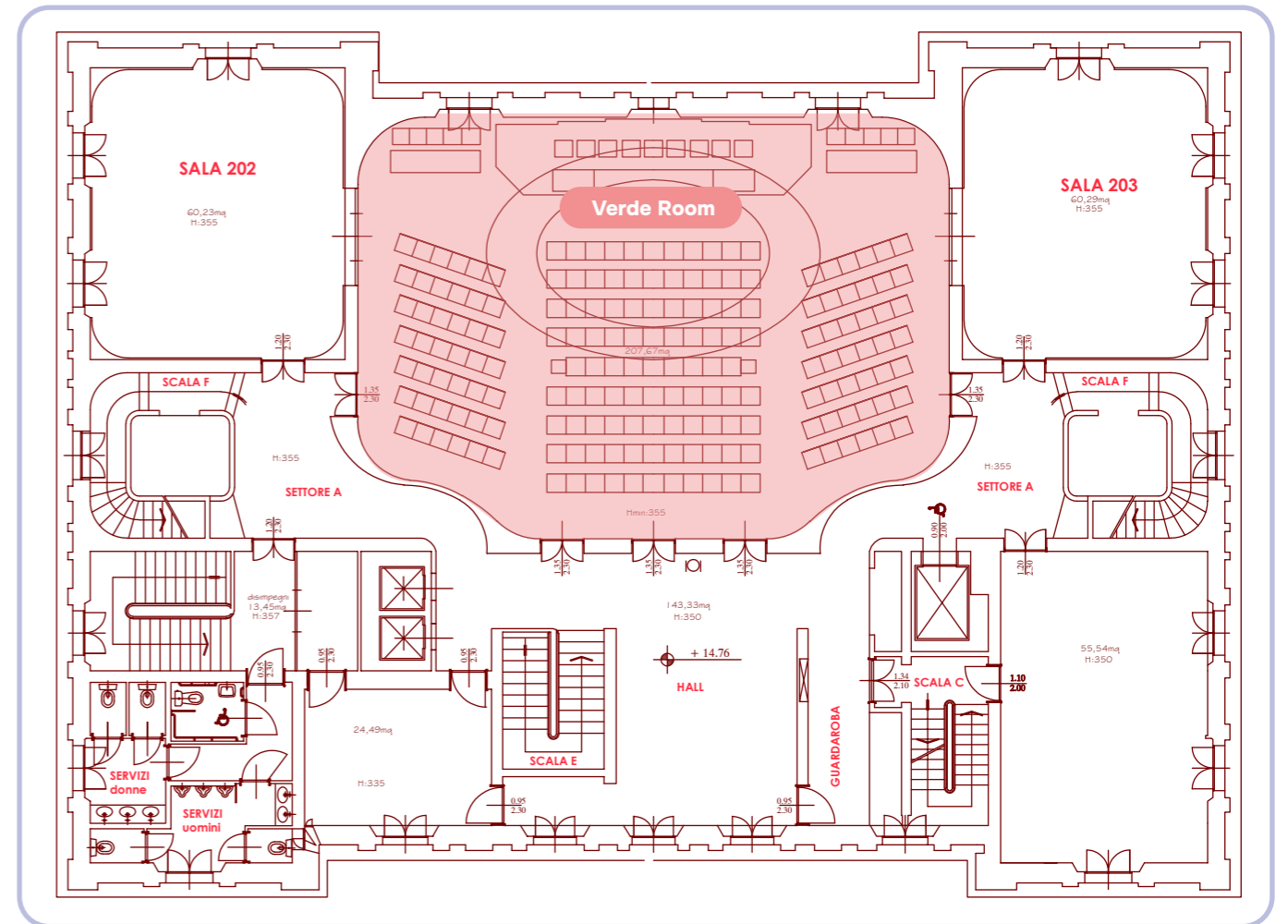
GROUND FLOOR

- Hands- on rooms
 - Room A
 - Room B
 - Room C
 - Room D
- Onice room



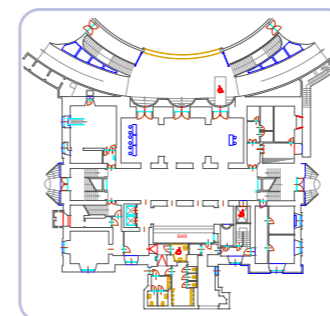
FLOOR 2

- Verde Room



FLOOR 1

- Bar



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