

Гостујућа удружења  
и асоцијације

УДРУЖЕЊЕ НЕУРОХИРУРГА СРБИЈЕ И ПРИЈАТЕЉИ  
КЛИНИКА ЗА НЕУРОХИРУРГИЈУ, УНИВЕРЗИТЕТСКИ КЛИНИЧКИ ЦЕНТАР СРБИЈЕ, БЕОГРАД  
30. ОКТОБАР – 3. НОВЕМБАР 2023. године, Хотел Crowne Plaza, Београд

EANS - European Association  
of Neurological Societies

WANS - World Academy of  
Neurological Surgery

CAANS - Continental Association of  
African Neurosurgical Societies

SBNS - The Society of  
British Neurological Surgeons

SiNch - Italian Society  
of Neurosurgery

Turkish Neurosurgical Society

IANA - International Academy  
of Neurosurgical Anatomy

SeENS - Southeast Europe  
Neurosurgical Society



## 9. ГОДИШЊИ САСТАНАК УНХС 10. КОНГРЕС УНХС

са међународним учешћем



SHC IS Београд  
EACSMER  
Београдски уговор

<https://100yearsneurosurgerysrb.talkb2b.net/>

31. октобар 1923 - 31. октобар 2023.

# 100 ГОДИНА

## НЕУРОХИРУРГИЈЕ У СРБИЈИ

УСРЕДСРЕЂЕНОСТ. ПОСВЕЋЕНОСТ. УСАВРШАВАЊЕ.

### СВЕЧАНА АКАДЕМИЈА

31. октобар 2023. године, Београд, Србија

31.10.1938-31.10.2023: 85 ГОДИНА ОД ОСНИВАЊА КЛИНИКЕ ЗА НЕУРОХИРУРГИЈУ,  
УНИВЕРЗИТЕТСКИ КЛИНИЧКИ ЦЕНТАР СРБИЈЕ, БЕОГРАД

1956-2023, 67 година од оснивања Клинике за неурохирургију, Војномедицинска академија, Београд

1958-2023, 65 година од оснивања Клинике за неурохирургију, Универзитетски клинички центар Ниш, Ниш

1962-2023, 61 година од оснивања Клинике за неурохирургију, Клинички центар Војводине, Нови Сад

1977-2023, 46 година од оснивања Одељења неурохирургије, Клиничко болнички центар Земун, Београд

1983-2023, 40 година од оснивања Центра за неурохирургију, Клинички центар Крагујевац

JOINT VENTURE  
WITH:



EANS - European Association  
of Neurological Societies



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SeENS - Southeast Europe  
Neurosurgical Society

SERBIAN NEUROSURGICAL SOCIETY AND FRIENDS  
CLINIC FOR NEUROSURGERY, UNIVERSITY CLINICAL CENTER OF SERBIA

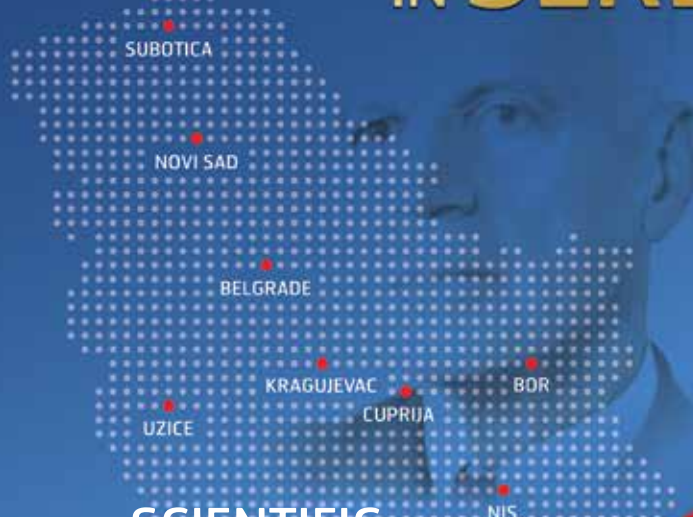
October 30<sup>th</sup> - November 3<sup>rd</sup>, 2023 Venue: Crowne Plaza, Belgrade

9<sup>th</sup> SNSS Annual Meeting 10<sup>th</sup> SNSS Congress

with international participation



# NEUROSURGERY IN SERBIA



## SCIENTIFIC PROGRAM

EANS  
Individual Members  
10% Discount

<https://100yearsneurosurgerysrb.talkb2b.net/>

October 31<sup>st</sup>, 1923 - October 31<sup>st</sup>, 2023

# 100 YEARS

FOCUS. DEDICATION. SPECIALIZATION.

## CENTENNIAL ANNIVERSARY

### OFFICIAL CEREMONY

October 31<sup>st</sup>, 2023, Belgrade, Serbia

SHC 15 credits  
EACCME®  
credits TBA

31.10.1938-31.10.2023, 85<sup>th</sup> ANNIVERSARY CLINIC FOR NEUROSURGERY,  
UNIVERSITY CLINICAL CENTER OF SERBIA, BELGRADE

1956-2023, 67<sup>th</sup> anniversary Clinic for neurosurgery, Military Medical Academy, Belgrade

1958-2023, 65<sup>th</sup> anniversary Clinic for Neurosurgery, University Clinical Center Nis, Nis

1962-2023, 61<sup>st</sup> anniversary Clinic for Neurosurgery, Clinical Center of Vojvodina, Novi Sad

1977-2023, 46<sup>th</sup> anniversary Department of neurosurgery, Clinical Hospital Center Zemun, Belgrade

1983-2023, 40<sup>th</sup> anniversary Center for neurosurgery, Clinical Centre Kragujevac



# SCIENTIFIC PROGRAM

**October 30<sup>th</sup>, 2023**

**Venue: Crowne Plaza, Belgrade**

**Host: Clinic for Neurosurgery, Clinical Center of Vojvodina, Novi Sad**

**SNSS in collaboration with WANS**

## HALL 1

- |             |  |
|-------------|--|
| 08.30-11.30 | <b>GENERAL SKULL BASE AND CRANIOCERVICAL JUNCTION</b><br>(12' presentation + 3' discussion)<br>Moderators: Luis Borba, Vladimir Benes                      |
| 08.30-08.45 | <b>Neurosurgery at the University Clinical Centre of Vojvodina – Past, Present and Future</b><br>Djula Djilvesi  |
| 08.45-09.00 | <b>Neuro-oncology - new trends in diagnostics and treatment</b><br>Petar Vulekovic   |
| 09.00-09.15 | <b>Organizational protocols and principles of treatment of traumatic brain and spine lesions in University Clinical centre of Vojvodina</b><br>Igor Horvat |
| 09.15-09.30 | <b>Development and perspectives in the surgical treatment of degenerative diseases of the cervical spine</b><br>Bojan Jelaca                               |
| 09.30-09.45 | <b>New trends in craniocervical junction Neurosurgery: back to the future</b><br>Massimiliano Visocchi   |
| 09.45-10.00 | <b>Neurosurgical management of craniopharyngiomas</b><br>Rudolf Fahlbusch  |
| 10.00-10.15 | <b>Skull Base Surgery: Nirvana vs Apocalypse now</b><br>Anil Nanda   |
| 10.15-10.30 | <b>Evolving concepts of craniovertebral junction instability</b><br>Atul Goel  |
| 10.30-10.45 | <b>Radical excision of craniopharyngioma</b><br>Ibrahim Sbeih  |
| 10.45-11.00 | <b>The History, the Actual situation and the Perspectives of Neurosurgery in Albania</b><br>Mentor Petrela   |

- 11.00-11.15 **Preservation and improvement of vision in microsurgery of sellar/ parasellar lesions: is it possible?**  
Kenan Arnautovic
- 11.15-11.30 **Discussion**
- 11.30-12.00 **Coffee break**
- 12.00-13.40 **PLENARY SESSION**  
Moderators: Necmettin Pamir, William Couldwell
- 12.00-12.20 **Anatomy and surgery at the Mesencephalon: pitfalls and avoidance**  
Miguel Arraez
- 12.20-12.40 **Merits of hybrid use of endoscopy in surgical management of CPA Pathologies**  
Imad Kanaan
- 12.40-13.00 **Jugular Forâmen: A Surgical area**  
Luis Borba
- 13.00-13.20 **When and how to treat a cavernoma?**  
Ulrich Sure
- 13.20-13.40 **Hearing preservation in surgery of vestibular schwannoma**  
William Couldwell
- 13.40-14.15 **Lunch**
- 14.15-16.15 **VASCULAR**  
(12' presentation + 3' discussion)  
Moderators: Miguel Arraez, Imad Kanaan
- 14.15-14.30 **Treatment of cerebral aneurysm**  
Yoko Kato
- 14.30-14.45 **Dilemmas in AVM management**  
Chrandrashekhar Deopujari
- 14.45-15.00 **Wisdom in Management of Giant Aneurysm**  
Eka Wahjoepramono
- 15.00-15.15 **Brainstem cavernoma surgery: Strategies, Techniques and Results**  
Jacques Morcos
- 15.15-15.30 **Evolution of cerebral aneurysms management in Morocco and its regional impact**  
Abdeslam El Khamlichi
- 15.30-15.45 **Microsurgical and endovascular treatment of cerebral aneurysms**  
Grigore Zapuhlih





- 15.45-16.00     **Surgery of MCA Aneurysm**  
Abdessamad El Azhari
- 16.00-16.15     **New trends in the treatment of cerebrovascular diseases**  
Jagos Golubovic
- 16.15-16.45     Coffee break
- 16.45-19.00     **NEUROONCOLOGY**  
(12' presentation + 3' discussion)  
Moderators: Jacques Morcos, Ioan Stefan Florian
- 16.45-17.00     **Arachnoid membrane in meningioma surgery**  
Vladimir Benes
- 17.00-17.15     **Surgical approaches for tumors in the 3<sup>rd</sup> and 4<sup>th</sup> ventricles**  
Thomas Santarius
- 17.15-17.30     **Pineal Region Lesions - A Surgical Point of View**  
Ioan Stefan Florian
- 17.30-17.45     **Craniocervical meningiomas**  
Kresimir Rotim
- 17.45-18.00     **Dilemmas of a Neurosurgeon 'Surgery in Eloquent Areas of Brain'**  
Basant Misra
- 18.00-18.15     **Preservation of visual functions during surgery of suprasellar tumours. Our operative strategy.**  
Juraj Steno
- 18.15-18.30     **Glioneuronal tumors**  
Nejat Akalan
- 18.30-18.45     **Clinoidal Meningiomas**  
Ihsan Solaroglu
- 18.45-19.00     **Spinal cord tumor- how did I start**  
Ibrahim Omerhodzic
- 19.45             **Gathering and Faculty transfer to the dinner venue**
- 20.30             **SNSS, EANS & WANS DINNER**

## HALL 2

- 08.30-11.30 **INTRAVENTRICULAR TUMORS**  
Moderators: Ekkehard Kasper, Pablo Gonzalez-Lopez
- 08.30-08.50 **Transventricular approaches to brain stem cavernomas**  
Miguel Arraez
- 08.50-09.10 **Surgical Anatomy for Tumors of the Ventricle**  
Abuzer Gungor
- 09.10-09.30 **Intraventricular Meningiomas**  
Stefan Florian
- 09.30-09.50 **MIS for paraventricular hypothalamic hamartomas**  
Peter Warnke
- 09.50-10.10 **Antrum and lateral ventricle meningiomas; open vs. SRS**  
Ekkehard Kasper
- 10.10-10.30 **Colloid Cysts – endoscopic work**  
Andre Grotenhuis
- 10.30-10.50 **Colloid Cysts**  
Petar Vulekovic
- 10.50-11.10 **Surgery for tumors of the choroid plexus of lateral ventricle**  
Pablo Gonzalez Lopez
- 11.10-11.30 **Endoscopic tumor biopsies**  
Bojan Jelaca
- 11.30-12.00 **Coffee break**
- 13.40-14.15 **Lunch**
- 14.15-16.15 **NEURORADIOLOGY & RADIOSURGERY**  
(12' presentation + 3' discussion)  
Moderators: Selcuk Peker, Yigal Shoshan
- 14.15-14.30 **The Broad Span of Using Ultrasound in Neurosurgery**  
Francesco Di Meco
- 14.30-14.45 **Strenght & Limits of Tractography in SRS**  
Selcuk Peker



- 14.45-15.00 **The role of radiosurgery following incomplete pituitary surgery**  
Piero Picozzi
- 15.00-15.15 **Does cranial neuropathies recover after radiosurgery for cavernous sinus meningioma?**  
Yigal Shoshan
- 15.15-15.30 **Oxygen-17 Metabolic in-vivo MRI in the Neurosciences**  
Ciro Ramos-Estebanez
- 15.30-15.45 **Connecting the dots in neuroradiology**  
Majda Thurnher
- 15.45-16.00 **The role of neuronavigation and intraoperative ultrasound in excision of brain lesions**  
Diaa Galal El Sayed
- 16.00-16.15 **MRI Navigation Guided 3D-HDR Human Deep Brain Nuclei: Stepwise Cadaveric Dissection**  
Huseyin Biceroglu
- 16.15-16.45 Coffee break
- 16.45-19.00 **FUNCTIONAL**  
(12' presentation + 3' discussion)  
Moderators: Piero Picozzi, Atilla Yilmaz
- 16.45-17.00 **Modulative manipulation of pain in FBSS**  
Claudio Yampolsky
- 17.00-17.15 **State-of-the-Art Deep Brain Stimulation for Movement Disorders**  
Alfredo Conti
- 17.15-17.30 **Laser ablation for epilepsy and tumors**  
Ido Strauss
- 17.30-17.45 **How we can improve the accuracy and success in Deep Brain Stimulation Surgery**  
Atilla Yilmaz
- 17.45-18.00 **SEEG for pharmaco-resistance epilepsy in Japan**  
Yuichi Kubota
- 18.00-18.15 **Using MER to improve direct targeting in DBS**  
Ziga Samsa
- 18.15-18.30 **Microvascular decompression for trigeminal neuralgia**  
Burak Sade

- 18.30-18.45      **Different options in the treatment of trigeminal neuralgia.  
Siberian experience**  
Jamil Rzaev
- 18.45-19.00      **Complication avoidance in functional neurosurgery**  
Mitja Benedicic
- 19.45              **Gathering and Faculty transfer to the dinner venue**
- 20.30              **SNSS, EANS & WANS DINNER**





## HALL 3

**10.00-11.20**      **ARTIFICIAL INTELLIGENCE IN SPINE SURGERY - SYMPOSIUM**  
**SCHULTHESS KLINIK ZURICH**  
 Moderators: Markus Loibl, Marko Aleksic

10.00-10.20      **Trustworthy AI for improving diagnosis and treatment of spinal disorders**  
 Fabio Galbusera

10.20-10.40      **Prognostic Models and patient Outcome in Spine Surgery**  
 Daniel Haschtmann

10.40-11.00      **Will Wearable Sensor Data Revolutionize Outcome Predictions in Spine Surgery**  
 Jani Puhakka

11.00-11.30      **What we have learnt about Deformities in the European Spine Study Group**  
 Frank Kleinstück

11.30-12.00      Coffee break

13.40-14.15      Lunch

**14.15-16.15**      **AUGMENTED & VIRTUAL REALITY COURSE**  
 Faculty: Ihsan Solaroglu, Oguz Baran, Goktug Akyoldas

*The virtual reality-based neuroanatomy course offers participants a unique experience compared to previous courses. The undeniable value of hands-on cadaver courses in enhancing surgical anatomy knowledge is well-recognized. Furthermore, taking advantage of technology, this course presents an opportunity for virtual dissection using 3D models of cadavers through virtual reality and/or augmented reality. In this course, attendees will acquire knowledge of the brain's white matter pathways by exploring real cadavers through VR technology. Additionally, utilizing 3D reconstructions, attendees will have the chance to observe the skull base and vascular anatomy of the brain in a virtual reality setting.*

16.15-16.45      Coffee break

**16.45-19.00**      **AUGMENTED & VIRTUAL REALITY COURSE**  
 Faculty: Ihsan Solaroglu, Oguz Baran, Goktug Akyoldas

**19.45**              **Gathering and Faculty transfer to the dinner venue**

**20.30**              **SNSS, EANS & WANS DINNER**

**October 31<sup>st</sup>, 2023**

**Venue: Crowne Plaza, Belgrade**

**Host: Clinic for Neurosurgery, University Clinical Center of Serbia, Belgrade**

**Joint venture with EANS**

## HALL 1

09.00-11.30 **85 YEARS CLINIC FOR NEUROSURGERY, UNIVERSITY CLINICAL CENTER OF SERBIA**  
**100 YEARS OF NEUROSURGERY IN SERBIA - CENTENNIAL ANNIVERSARY**

*Opening ceremony - Protocol*

**WELCOME** addresses

Milos Jokovic, Lukas Rasulic

**Centennial video**

**Serbian official**

**Prof. Danica Grujcic**

Minister of health, Republic of Serbia

**Prof. Dr. Vladan Djokic**

Rector, University of Belgrade

**Prof. Lazar Davidovic**

Dean, Faculty of Medicine, University of Belgrade

**Prof. Dr. Vladimir Kostic**

academician, SASA Past President

**Prof. Milos Jokovic**

Director, 85 years of the Clinic for neurosurgery, UCCS

10.00-10.20 **Foundations and landmarks of Serbian Neurosurgery:**

**Milivoje Kostic**

Predrag Pesko

10.20-10.40 **Foundations and landmarks of Serbian Neurosurgery:**

**Slobodan Kostic**

Vaso Antunovic

*Special guest lecture*

Intro: Lukas Rasulic

10.40-11.30 **Development of neurosurgery in the last 100 years and my contribution for neurosurgery in half a century**

Madjid Samii

11.30-12.00 **Coffee break**



12.00-14.30	<b>CONTEMPORARY NEUROSURGERY</b> Moderators: Milos Jokovic, Lukas Rasulic
12.00-12.15	<b>Highs and lows in the life of a neurosurgeon</b> Andreas Demetriades
12.15-12.30	<b>Neuromonitoring of the Soul</b> Karl Schaller
12.30-12.45	<b>Going with the Flow – The data driven evolution of a Vascular Neurosurgeon</b> Fady Charbel
12.45-13.00	<b>Brainstem Cavernous Malformation Surgery</b> Michael Lawton
13.00-13.15	<b>Decision-making in spinal infection</b> Claudius Thome
13.15-13.30	<b>Combined endoscopic endonasal and supraorbital craniotomy for complex pituitary tumours</b> Andre Grotenhuis
13.30-13.45	<b>Neurosurgical Evidence and Randomized Trials: The Fragility Index</b> Torstein Meling
13.45-14.00	<b>Integral training in global neurosurgery</b> Jesus Lafuente
14.00-14.15	<b>Spine Science Task Force – a vision to enhance the research performance of the German Spine Society</b> Peter Vajkoczy
14.15-14.30	<b>Neurosurgery Publications: The Future of Sharing Information Across the World</b> Douglas Kondziolka
14.30-15.00	Lunch

- 15.00-18.30 **CONTEMPORARY NEUROSURGERY**  
Moderators: Andreas Demetriades, Jesus Lafuente
- 15.00-15.15 **The eyes can not see, what the brain does not know**  
Vinko Dolenc
- 15.15-15.30 **Endoscopic endonasal skull base surgery: a journey through time**  
Paolo Cappabianca
- 15.30-15.45 **Management of Tuberculum sellae meningiomas: indications for the surgical approach**  
Francesco Tomasello
- 15.45-16.00 **Craniocervical junction chordomas**  
Sebastien Froelich
- 16.00-16.15 **Exoscopic cerebrovascular surgery: current status and future perspectives.**  
Hiroki Kurita
- 16.15-16.30 **The challenge of awake brain surgery in a connectome-based surgical approach for low-grade glioma**  
Hugues Duffau
- 16.30-16.45 **Surgical treatment of Tentorial Meningiomas**  
Necmettin Pamir
- 16.45-17.00 **Modern neurosurgical technologies in the work of Burdenko center of neurosurgery**  
Dmitry Usachev
- 17.00-17.15 **Hearing preservation and restoration in Neurosurgery**  
Amir Samii
- 17.15-17.30 **Intraoperative investigation of motor brain connectivity during asleep glioma surgery**  
Francesco Sala
- 17.30-17.45 **Brain Plasticity: What should we neurosurgeons know about it?**  
Mariano Socolovsky
- 17.45-18.00 **Endoscopic treatment of loculated hydrocephalus types in pediatric age group**  
Memet Ozek



- 18.00-18.15      **Vascular Neurosurgery: Combining surgical and endovascular management**  
Nicolas Foroglou
- 18.15-18.30      **NMRRC experience in neurooncology**  
Andrey Kaprin
- 18.30**              **AWARD CEREMONY**
- 19.15              **Faculty transfer to National Theater**
- 19.30-20.00      **Gathering**
- 20.00-21.00**      **CEREMONIAL ACADEMY**
- 21.00**              **CEREMONIAL DINNER**

**November 1<sup>st</sup>, 2023**

Venue: Crowne Plaza, Belgrade

Host: Clinic for Neurosurgery, MMA

Joint venture with IANA, SBNS & TNS

## HALL 1

08.45-11.30	<b>SPINE</b> (12' presentation + 3' discussion) Moderators: Goran Pavlicevic, John Duff
08.45-09.00	<b>Advanced cervical reconstruction techniques and cervical deformity correction</b> Sergey Neckrysh
09.00-09.15	<b>Cervical arthroplasty and sagittal balance: un irreconcilable relationship ?</b> Oscar Alves
09.15-09.30	<b>Modern aspects of minimally invasive spinal surgery, ICT and navigation</b> Nikolay Konovalov
09.30-09.45	<b>Spine regeneration: State of the art</b> Tito Perilla
09.45-10.00	<b>Overcoming Complicated Kümmell's Disease: Single-stage Root-Sparing Corpectomy and Stabilization of Vertebral Body</b> Se-Hoon Kim
10.00-10.15	<b>Contemporary surgical management of degenerative scoliosis</b> Goran Pavlicevic
10.15-10.30	<b>Global Spine Care: The way Forward</b> Salman Sharif
10.30-10.45	<b>Minimally invasive Spinal Surgery- tricks of the trade</b> Nikolay Peev
10.45-11.00	<b>Three dimensional 4k exoscope in minimally invasive spine surgery</b> Marisa Gandia
11.00-11.15	<b>Surgical treatment of cervical myelopathy</b> Drazen Ivetic
11.15-11.30	<b>Discussion</b>
11.30-12.00	Coffee break



12.00-13.40

**PLENARY SESSION**

Moderators: Peter Whitfield, Tony Belli

12.00-12.20

**Future proofing: training and assessing the next generation of neurosurgeons**

Peter Whitfield

12.20-12.40

**Rescuing the injured brain**

Peter Hutchinson

12.40-13.00

**Navigation and Augmented Reality in spinal surgery**

Marcel Ivanov

13.00-13.20

**The future of vascular neurosurgery?**

Alistair Jenkins

13.20-13.40

**Role of EBM in neurovascular surgery: Quality of literature, nature of medical publishing**

Ben Roitberg

13.40-14.30

Lunch

14.30-16.30

**VASCULAR**

(12' presentation + 3' discussion)

Moderators: Marco Fontanella, Andrey Dubovoy

14.30-14.45

**Bypass surgery for Moyamoya**

Bin Xu

14.45-15.00

**Brainstem Cavernomas Surgery and Holmes Tremor**

Christian Raftopoulos

15.00-15.15

**Post traumatic aneurysms: Rare and devastation consequences of traumatic brain injury**

Andrew Reisner

15.15-15.30

**Modified approach to the maxillary artery for creating a bypass**

Andrey Dubovoy

15.30-15.45

**Endovascular treatment of brain AVMs. Technique, role and limitations**

Gerasimos Baltsavias

15.45-16.00

**Symptomatic stenosis of the transverse sinus.****Clinical and angiographic classification. Endovascular therapy**

Alfredo Pedroza

- 16.00-16.15 **Microsurgical treatment of anterior circulation aneurysms - single center results in Latvia**  
Kaspars Auslands
- 16.15-16.30 **Endovascular treatment of middle cerebral artery aneurysms - current techniques**  
Svetlana Milosevic Medenica

16.30-17.00 Coffee break

17.00-19.00 **VASCULAR**  
(12' presentation + 3' discussion)  
Moderators: Alexandros Andreou, Alfredo Pedroza

- 17.00-17.15 **Giant/Complex Aneurysm Treatment: An Update**  
Alexandros Andreou
- 17.15-17.30 **Exoscopical aneurysm surgery: The future?**  
Daniel Hanggi
- 17.30-17.45 **Arteriovenous Malformation, the role of flow and hemodynamic stresses**  
Ali Alaraj
- 17.45-18.00 **Cavernous malformations of the brain and spine :Emerging concepts**  
Giuseppe Lanzino
- 18.00-18.15 **MCA aneurysms – results with a clip first policy**  
Veit Rohde
- 18.15-18.30 **The transvenous treatment of AVMs**  
Kirill Orlov
- 18.30-18.45 **Endovascular treatment of stroke. The role of the neurosurgeon**  
Nikolay Velinov
- 18.45-19.00 **Basic technique of aneurysm surgery: Tips for young neurosurgeons**  
Asra Al Fauzi

20.00 **Faculty transfer to the dinner venue**

21.00 **NETWORKING DINNER**







## HALL 2

08.45-11.30	<b>SBNS SESSION - GENERAL</b> (12' presentation + 3' discussion) Moderators: Peter Hutchinson, Alistair Jenkins
08.45-09.00	<b>Neuromodulation for chronic pain, approaches for craniopharyngioma, TGN, etc.</b> Alistair Jenkins
09.00-09.15	<b>Surgical management of transdural spinal cord herniation</b> Marcel Ivanov & Ramez Ibrahim
09.15-09.30	<b>Delivering Advanced Therapeutic Medicinal Products (ATMPs) to the Human brain</b> Liam Gray
09.30-09.45	<b>Neuroinflammation in acute brain injury</b> Tamara Tajsic
09.45-10.00	<b>Current status of UK clinical trials</b> Carole Turner
10.00-10.15	<b>New frontiers in immunotherapy for brain tumours</b> Keyoumaras Ashkan
10.15-10.30	<b>Progress and future directions in Chronic Subdural Haematoma management</b> Ellie Edlmann
10.30-10.45	<b>Picking winners in geriatric neurosurgery</b> Paul Brennan
10.45-11.00	<b>Technical advances in deep brain stimulation</b> Keyoumaras Ashkan
11.00-11.30	<b>Discussion</b>
11.30-12.00	Coffee break
13.40-14.30	Lunch break

14.30-16.30 **IANA SPECIAL COURSE**  
Moderators: Thomas Santarius, Francesco Tomasello, Pablo Gonzalez-Lopez

14.30-14.45 **Functional neuroanatomy through the lens of the endovascular surgeon**  
Igor Maldonado

14.45-15.00 **Cavernoma, should we remove hemispheric one?**  
Vladimir Benes

15.00-15.15 **Anatomy relevant to the treatment of pituitary macroadenomas**  
Thomas Santarius

15.15-15.30 **Anterior Skull Base Tumors: Moving towards new approaches**  
Jose Alberto Landeiro

15.30-15.45 **Anatomical highlights for tailored retrosigmoid approach to CPA and variants**  
Imad N. Kanaan

15.45-16.00 **Hearing preservation in lateral skull base surgery**  
Sanjeeva Jeyaretna

16.00-16.15 **The skull base journey - Anatomy remains relevant in past, present and future**  
Ilye Cherian

16.15-16.30 **Discussion**

17.00-19.00 **IANA SPECIAL COURSE II**  
Moderators: Giovanni Broggi, Jose Alberto Landearo, Igor Maldonado

17.00-17.15 **In vivo confocal laser endoscopy in neuro oncological surgery**  
Giovanni Broggi

17.15-17.30 **Anatomy of the limbic system and surgery for limbic and paralimbic tumours**  
Abihida Shah

17.30-17.45 **Tumours in and around fourth ventricle**  
Ioan Stefan Florian

17.45-18.00 **Resection Strategies for GBM: Anatomical Considerations and imaging Aspects**  
Ekkehard Kasper

18.00-18.15 **Petrous Bone Anatomy: surgical routes and intrinsic pathology**  
Pablo Gonzalez Lopez

18.15-18.30 **Anatomy and approaches to CV junction**  
Salman Sharif



18.30-18.45 **Cranio-vertebral junction tumors: Simplicity trumps complexity**  
Mario Ammirati

18.45-19.00 **Discussion**

20.00 **Faculty transfer to the dinner venue**

21.00 **NETWORKING DINNER**

## HALL 3

- 08.45-11.30 **SKULL BASE**  
(12' presentation + 3' discussion)  
Moderators: Michael Bruneau, Ricardo Ramina
- 08.45-09.00 **Management of small and large petroclival meningiomas**  
Ricardo Ramina
- 09.00-09.15 **Long term results of pituitary surgery**  
David Netuka
- 09.15-09.30 **Comparison of the approaches to anterior midline skull base meningiomas**  
Michael Bruneau
- 09.30-09.45 **Options of Neuroendoscopy in the cavement neurosurgical setting**  
Joachim Oertel
- 09.45-10.00 **Skull Base Meningioma: From cure to Transformation**  
Luis Borba
- 10.00-10.15 **Foramen magnum meningioma approached by the midline subtonsilar approach**  
Jose Alberto Landeiro
- 10.15-10.30 **Myths about vestibular schwannoma surgery and technical pearls in facial nerve preservation**  
Suresh Nair
- 10.30-10.45 **Pitfalls in Surgery of Anterior Clinoid Meningioma**  
Oleksandr Voznyak
- 10.45-11.00 **Invasive pituitary tumours**  
Armando Basso
- 11.00-11.15 **Is there still a place for surgery in small and medium size acoustic neuromas?**  
Antonio Cerejo
- 11.15-11.30 **Minimalism and optimal visualisation in skull base tumors - endoscopic assisted keyhole approaches**  
Sumit Sinha
- 11.30-12.00 Coffee break
- 13.40-14.30 Lunch break



- 14.30-16.30 **NEUROONCOLOGY**  
(12' presentation + 3' discussion)  
Moderators: Joachim Oertel, Peter Winkler
- 14.30-14.45 **Tumor-associated epilepsy and epilepsy-associated tumors**  
Matthias Simon
- 14.45-15.00 **Research laboratory of microsurgical and endoscopic neuroanatomy as a translational model**  
Peter Winkler
- 15.00-15.15 **Maximal Safe Resection in Glioma Surgery: the gold standard with prolonged survival**  
Ihsan Solaroglu
- 15.15-15.30 **Management of Complex Glomus Jugulare Tumors**  
Diego Mendez Rosito
- 15.30-15.45 **Multidisciplinary rehabilitation after primary brain tumour treatment**  
Kate Drummond
- 15.45-16.00 **Dynamic Lateral Semisitting position for supracerebellar approaches**  
Abuzer Gungor
- 16.00-16.15 **Parasagittal meningiomas. Simpson rate of resection and long term recurrence**  
Apio Antunes
- 16.15-16.30 **Barriers and fasciliators in the implementation of a telemedicine-based outpatient brain tumor surgery program**  
Ruben Martin-Laez
- 16.30-17.00 **Coffee break**
- 17.00-19.00 **TNS SESSION - GENERAL**  
(12' presentation + 3' discussion)  
Moderators: Hakan Emmez, Ihsan Solaroglu
- 17.00-17.15 **Clinical Stem Cell and Cellular Treatment Modalities in Neurological Diseases: Is it myth or fact?**  
Serdar Kabataş
- 17.15-17.30 **Surgical approach to the aneurysms, strategies and tricks to lower morbidity**  
Murad Asiltürk

- 17.30-17.45 **Third ventricle surgery : Endoscopic and microscopic approaches, advantages of ventriculoport technique**  
Bulent Duz
- 17.45-18.00 **Endoscopic Treatment of Colloid Cysts**  
Onur Ozgural
- 18.00-18.15 **Transorbital Neuroendoscopic Approach to the Cavernous Sinus**  
Eyup Bayatli
- 18.15-18.30 **Neurosurgical Management of Tourette Syndrome**  
Mustafa Yavuz Samanci
- 18.30-18.45 **Microsurgical Treatment of Foramen Magnum Meningiomas: Simple May Be The Best**  
Hakan Emmez
- 18.45-19.00 **Discussion**
- 20.00 Faculty transfer to the dinner venue**
- 21.00 NETWORKING DINNER**





## HALL 4

- |             |  |
|-------------|--|
| 08.45-11.30 | <b>PERIPHERAL NERVE SURGERY - BASIC AND INNOVATIVE</b><br>(12' presentation + 3' discussion)<br>Moderators: Stefano Ferraresi, Fernando Guedes   |
| 08.45-09.00 | <b>Utility of MRI neurography in neurofibromatosis type I and tumors</b><br>Daniela Binaghi  |
| 09.00-09.15 | <b>Reviving Matrix for Treatment of Peripheral Nerve and Spinal Cord Injuries with Massive Loss Defect</b><br>Shimon Rochkind  |
| 09.15-09.30 | <b>Advanced imaging and molecular biology in PN practice</b><br>Line Jacques   |
| 09.30-09.45 | <b>Silk Biomaterials in Peripheral Nerve Tissue Engineering</b><br>Christine Radtke  |
| 09.45-10.00 | <b>Complications of modeling substances migration affecting peripheral nerves</b><br>Carlos Rodriguez Aceves   |
| 10.00-10.15 | <b>Reconstruction of sensory function: opportunities at the neural interface</b><br>Nora Dengler   |
| 10.15-10.30 | <b>Thoracic Outlet Syndrome</b><br>Debora Garozzo  |
| 10.30-10.45 | <b>Pudendal nerve entrapment - a neurosurgical matter?</b><br>Christian Heinen   |
| 10.45-11.00 | <b>Meralgia Paresthetica, a decade of research</b><br>Amgad Hanna  |
| 11.00-11.15 | <b>The banana splitting DREZotomy: an atraumatic method to improve pain relief after dorsal root entry zone lesioning in brachial plexus injuries. Case series and tenets for the treatment</b><br>Stefano Ferraresi |
| 11.15-11.30 | <b>Discussion</b>  |
| 11.30-12.00 | Coffee break   |
| 13.40-14.30 | Lunch break  |

14.30-16.30 **PERIPHERAL NERVE SURGERY - UPDATE 2023**  
(12' presentation + 3' discussion)  
Moderators: Jorge Clifton, Christian Heinen

14.30-14.45 **Brachial plexus tumors**  
Thomas Kretschmer

14.45-15.00 **Is a tumor affecting a peripheral nerve a benign or a malignant one?**  
Fernando Guedes

15.00-15.15 **The use of contralateral C7 in complete Brachial Plexus**  
Alain Gilbert

15.15-15.30 **Nerve Transfers: Update 2023**  
Eric Zager

15.30-15.45 **Nerve transfers in non traumatic amyotrophy in children**  
Jorg Bahm

15.45-16.00 **Nerve transfers in SCI: technique and outcomes**  
Justin Brown

16.00-16.15 **Using Central Plasticity Concepts to Improve Nerve Transfers Outcomes**  
Leandro Pretto Flores

16.15-16.30 **Lumbo Sacral plexus neurogenic tumors- our experience**  
Ketan Desai

16.30-17.00 **Coffee break**

17.00-19.00 **PERIPHERAL NERVE SURGERY - SURGICAL REPAIR AND RECONSTRUCTION**  
(12' presentation + 3' discussion)  
Moderators: Mariano Socolovsky, Line Jacques

17.00-17.15 **110 years of radial nerve transfer to the axillary nerve**  
Jorge Clifton

17.15-17.30 **Nerve transfers for tetraplegia – what the future holds**  
Wilson Ray Zack

17.30-17.45 **Nerve grafting long versus short: which one is better?**  
Mariano Socolovsky

17.45-18.00 **Limb positioning to overcome nerve gaps and avoid grafting**  
Justin Brown







- 18.00-18.15**      **Update on microsurgical reconstruction in obpp**  
Jorg Bahm
- 18.15-18.30**      **Combined vascular injuries and peripheral nerves trauma**  
Ilijas Cinara
- 18.30-18.45**      **Indications for peripheral nerve surgery**  
Mirsad Hodzic
- 18.45-19.00**      **Treatment of the radial nerve injuries**  
Andrija Savic
- 20.00**              **Faculty transfer to the dinner venue**
- 21.00**              **NETWORKING DINNER**

## HALL 5

- 08.45-11.30 **TRENDS, INSIGHTS, INNOVATIONS**  
(12' presentation + 3' discussion)  
Moderators: Nikolay Gabrovsky, Arya Nabavi
- 08.45-09.00 **Ethics of neurotechnology**  
Graham Fieggen
- 09.00-09.15 **Towards a new understanding of CSF circulation**  
Concezio Di Rocco
- 09.15-09.30 **AI in Neurosurgery - where we are going**  
Yigal Shoshan
- 09.30-09.45 **Nanotechniques for Surgery and Neurorepair**  
Russell Andrews
- 09.45-10.00 **Endoscopy in Neurosurgery - An Update**  
Artur Xhumari
- 10.00-10.15 **Robotics/Prosthetics**  
Arya Nabavi
- 10.15-10.30 **The role of augment and virtual reality in neurosurgery: how the digital era is changing training and surgery**  
Antonio Bernardo
- 10.30-10.45 **Non-invasive pulsed electrical fields for inducing subtle/transient BBB disruption, enabling efficient delivery of therapeutics into the CNS**  
Yael Mardor
- 10.45-11.00 **Innovations and technological advancements in neurosurgery**  
Nikolay Gabrovsky
- 11.00-11.15 **ChatGPT and AI: How it will affect medicine/neurosurgery?**  
Mohammad Alolama
- 11.15-11.30 **Discussion**
- 11.30-12.00 Coffee break
- 13.40-14.30 Lunch break





- 14.30-16.30 **NEUROTRAUMA**  
(12' presentation + 3' discussion)  
Moderators: Andrew Reisner, Tariq Khan
- 14.30-14.45 **Evidence Based Timing of Surgery in NeuroTraumatology**  
Wilco Peul
- 14.45-15.00 **Why Neurotrauma should be a notifiable condition**  
Tariq Khan
- 15.00-15.15 **Management of neurosurgical intensive patients with post traumatic decompressive craniectomy**  
Vincenzo Paterno
- 15.15-15.30 **Forensic-medical aspect of neurotraumatism/PTSD in focus**  
Ranko Raicevic
- 15.30-15.45 **Decompressive craniectomy and contemporary cranioplasty options**  
Nenad Novakovic
- 15.45-16.00 **Chronic subdural hematoma burr-hole drainage in sitting position**  
Milan Lepic
- 16.00-16.15 **SDH 2 year institutional experience - Surgical vs Endovascular treatment**  
Domagoj Gajski & Vladimir Kalousek
- 16.15-16.30 **Discussion**
- 16.30-17.00 **Coffee break**
- 17.00-18.30 **TRAUMATIC BRAIN INJURIES**  
(12' presentation + 3' discussion)  
Moderators: Djula Djilvesi, Corrado Iaccarino
- 17.00-17.15 **Management of severe traumatic brain injury- results and development of the Lund concept**  
Niklas Marklund
- 17.15-17.30 **Traumatic Brain Injury under antithrombotic therapy**  
Corrado Iaccarino
- 17.30-17.45 **The diagnosis and management of mild TBI as relevant to defense medicine**  
Tony Belli
- 17.45-18.00 **The utility of Biomarkers in Traumatic Brain Injuries in Children: Opportunities and challenges**  
Andrew Reisner

- 18.00-18.15      **Controversies of Current Surgical Treatment of Missile Penetrating Brain Injury during the Military Conflict**  
Bruno Splavski
- 18.15-18.30      **Discussion**
- 20.00              Faculty transfer to the dinner venue
- 21.00              **NETWORKING DINNER**



# November 2<sup>nd</sup>, 2023

Venue: Crowne Plaza, Belgrade  
Host: Clinic for Neurosurgery, Nis

Joint venture with CAANS and SiNch

## HALL 1

08.30-11.30	<b>SKULL BASE</b> (12' presentation + 3' discussion) Moderators: Paolo Cappabianca, Salman Sharif
08.30-08.45	<b>The role of gamma knife in treatment of skull base tumors: a literature review</b> Mohammad Alolama
08.45-09.00	<b>The nasal route for craniopharyngiomas and unconventional pituitary adenomas</b> Luigi Cavallo
09.00-09.15	<b>Surgical treatment of large and giant recurrent vestibular schwannomas</b> Ricardo Ramina
09.15-09.30	<b>Orbital and transorbital endoscopic approaches: which perspectives?</b> Davide Locatelli
09.30-09.45	<b>Surgical management of aggressive pituitary adenomas</b> Filippo Angileri
09.45-10.00	<b>Extradural anterior clinoidectomy fo parasellar meningiomas</b> Vincenzo Esposito
10.00-10.15	<b>Multidisciplinary in skull base approaches: considerations, rationale and technical nuances</b> Maurizio Iacoangeli
10.15-10.30	<b>Multidisciplinary in skull base approaches: considerations, rationale and technical nuances / II</b> Fabio Greco
10.30-10.45	<b>Tumours of the ventricular trigone: multimodal surgical strategy based on nTMS tractography with the use of tubular retractors</b> Antonino Germano
10.45-11.00	<b>Updates in Pituitary Tumor Treatment Plan</b> Nelson Oyesiku
11.00-11.15	<b>A Multidisciplinary Pituitary Tumor Clinic - The Role of Neuro-ophthalmologist</b> Maja Kostic
11.15-11.30	<b>The endonasal route for anterior skull base meningiomas</b> Domenico Solari
11.30-12.00	Coffee break

12.00-13.40	<b>PLENARY SESSION</b> Moderators: Maurizio Fornari, Bello Shehu
12.00-12.20	<b>Modern treatment of intramedullary spinal cord tumors</b> Maurizio Fornari
12.20-12.40	<b>Pituitary Adenomas</b> Bello Shehu
12.40-13.00	<b>Cerebral Cavernomas: treatments and problems</b> Marco Fontanella
13.00-13.20	<b>The treat, equip and train (TET) model in promoting neurosurgical development in LMIC regions- the East African experience</b> Mahmood Qureshi
13.20-13.40	<b>Pediatric Brain Tumors-one of our worst healthcare disparities</b> Frederick Boop
13.40-14.30	Lunch
14.30-16.30	<b>VASCULAR</b> (12' presentation + 3' discussion) Moderators: Gerasimos Baltasvias, Svetlana Milosevic Medenica
14.30-14.45	<b>Natural history and quality of life with brain AVMs</b> Aki Laakso
14.45-15.00	<b>Contemporary diagnostics and treatment of cerebral vasospasm (CVS) and delayed cerebral ischemia (DCI) after aneurysmal SAH: What we know and do</b> Ondra Petr
15.00-15.15	<b>Revascularization therapies in acute stroke patients treated with direct oral anticoagulants</b> Senta Froel
15.15-15.30	<b>Epilepsy associated with cerebral cavernous malformations: surgical management and outcome</b> Volodymyr Smolanka
15.30-15.45	<b>Cavernous Malformations – Risk of Bleeding and Riskfactors</b> Philipp Dammann
15.45-16.00	<b>Role of female hormones in intracranial Aneurysms</b> Marvin Darkwah Oppong
16.00-16.15	<b>Complications after angiogram-negative subarachnoid haemorrhage: comparative study of pretruncal and nonpretruncal hemorrhage patients</b> Aleksandar Kostic
16.15-16.30	Discussion
16.30-17.00	Coffee break



17.00-19.00	<b>SPINE</b> (12' presentation + 3' discussion) Moderators: Nikolay Peev, Francesco Costa
17.00-17.15	<b>Minimally Invasive Spine Surgery. The road less travelled.</b> John Michael Duff
17.15-17.30	<b>Percutaneous anterior fixation in odontoid fracture: an evolution for the ageing population</b> Alberto Delitala
17.30-17.45	<b>Reduction techniques for basilar invagination</b> Mehmet Zileli
17.45-18.00	<b>Strategies in Cervical Hybrid Surgery</b> Miroslav Vukic
18.00-18.15	<b>Cervical spondylotic myelopathy: new score system to assess surgical management</b> Francesco Costa
18.15-18.30	<b>Pitfalls in the diagnosis and management of spinal intramedullary tumors</b> Suresh Nair
18.30-18.45	<b>The Anjali spinal navigation technique”: Simplifying Complex spine Surgery</b> Avinash Haridas
18.45-19.00	<b>Discussion</b>
<b>20.00</b>	<b>Faculty transfer to the dinner venue</b>
<b>20.30</b>	<b>SNSS, CAANS, IANA, SBNS, SiNch &amp; TNS dinner</b>

## HALL 2

08.30-11.30	<b>SPINE</b> (12' presentation + 3' discussion) Moderators: Mehmet Zileli, Nebojsa Stojanovic
08.30-08.45	<b>Human Neurophysiology of the upper motor neuron paralysis</b> Milan Dimitrijević
08.45-09.00	<b>Lumbar spinal stenosis-When to decompress or fuse</b> Mehmet Zileli
09.00-09.15	<b>Surgical challenges and approaches in addressing transitional segments of the spine</b> Nebojsa Stojanovic
09.15-09.30	<b>Treatment for Recurent Lumbar Disc Herniation - our experience in last 10 years</b> Vojislav Bogosavljevic
09.30-09.45	<b>Instrumented Decompression for degenerative Lumbar canal stenosis in the elderly with comorbidities</b> Harjinder Bhatoe
09.45-10.00	<b>The pivotal role of intraoperative navigation in fixation of craniovertebral junction malformations</b> Carlo Brembilla
10.00-10.15	<b>Expandable Posterior Interbody Implants for Deformity Correction</b> Charles Branch
10.15-10.30	<b>Role of exoscope in spine surgery: overall experience and critical analysis</b> Francesco Costa
10.30-10.45	<b>Evolution and versatility of lateral MIS approaches to the lumbar spine</b> Avelino Parajon
10.45-11.00	<b>Tenets for managing intradural spinal cord tumors</b> Kandasamy Regunath
11.00-11.15	<b>Minimally Invasive Tubular Microdiscectomy For Recurrent Lumbar Disc Herniation: Step-By-Step Technical Description And Retrospective Review</b> Khaled AlAli
11.15-11.30	<b>Discussion</b>
11.30-12.00	Coffee break
13.40-14.30	Lunch





- 14.30-16.30 **GLOBAL NEUROSURGERY  
CAANS/SINCH/IANA/SBNS/EANS/TNS**  
(12' presentation + 3' discussion)  
Moderators: Gail Rosseau, Magnus Tisell
- 14.30-14.45 **A global approach to neurosurgery: which disparities around the world?**  
Franco Servadei
- 14.45-15.00 **Use of outreach mobile neuroendoscopy for hydrocephalus to develop neurosurgery in areas of need - the experience in Sub-Saharan Africa**  
Mahmood Qureshi
- 15.00-15.15 **Redefining neurosurgery in LMIC. Training is the key**  
Jesus Lafuente
- 15.15-15.30 **My experience and reflections of education and training in Sub-Saharan africa**  
Magnus Tisell
- 15.30-15.45 **The Influence of Nikola Tesla on Neurosurgery**  
Gail Rosseau/Nathan Shlobin
- 15.45-16.00 **Global Neurosurgery projects - Think global act local**  
Lukas Rasulic
- 16.00-16.15 **Global Challenges with the Quality and Quality of Neurosurgery Research: The way forward**  
Ignatius Esene
- 16.15-16.30 **Global Neurosurgery and the Role of Students and Trainees**  
Nathan Shlobin
- 16.30-17.00 *Coffee break*
- 17.00-19.00 **COMPLICATIONS**  
(12' presentation + 3' discussion)  
Moderators: Keki Turel, Jamil Rzaev
- 17.00-17.15 **Preventing and managing complications in endoscopic skull base surgery**  
Mustafa Berker
- 17.15-17.30 **Avoidance of Complications in Glioma Surgery**  
Keki Turel
- 17.30-17.45 **Complications of surgery in the left parietal brain**  
Atul Goel

- 17.45-18.00      **Complication avoidance in neurosurgery - Is the technology , training or techniques which one to focus**  
Amitendu Sekhar
- 18.00-18.15      **Complications in peripheral nerve surgery**  
Lukas Rasulic
- 18.15-18.30      **Complications in AVM Surgery**  
Keki Turel
- 18.30-19.00      **Cases discussion**
- 20.00              **Faculty transfer to the dinner venue**
- 20.30              **SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**



## HALL 3

08.30-11.30	<b>NEUROONCOLOGY</b> (12' presentation + 3' discussion) Moderators: Vesna Nikolov, Martin Smrcka
08.30-08.45	<b>Global brain metastases management strategy</b> Vesna Nikolov
08.45-09.00	<b>Resection of insular gliomas: how useful is navigated intraoperative 3D-ultrasound?</b> Andrej Steno
09.00-09.15	<b>Transcalloal approach</b> Martin Smrcka
09.15-09.30	<b>Multimodal strategy of treatment of craniopharyngiomas</b> Diego Mazzatenta
09.30-09.45	<b>Impact of Methionine PET to personalize treatment decisions in lower grade glioma patients</b> Federico Pessina
09.45-10.00	<b>Surgical treatment of low grade glioma</b> Ivan Stefanovic
10.00-10.15	<b>Key role of microsurgical dissections on cadaveric specimens in neurosurgical training: Setting up a new research anatomical laboratory and defining neuroanatomical milestones</b> Michelangelo De Angelis
10.15-10.30	<b>Approaches to pineal region: Surgical techniques and anatomical considerations</b> Baran Bozkurt
10.30-10.45	<b>Intraoperative neurophysiology in tumor cases. Protocol review</b> Konstantinos Papadopoulos
10.45-11.00	<b>The surgeon's lab for the management of malignant gliomas</b> Christian Freyschlag
11.00-11.15	<b>Management and treatment of brain tumors during pregnancy: an Italian survey</b> Teresa Somma
11.15-11.30	<b>Multimodal Strategies in Low Grade Glioma Surgery</b> Tamara Ius
11.30-12.00	Coffee break
13.40-14.30	Lunch

14.30-16.30 **CAANS - PEDIATRIC NEUROSURGERY AND NEUROSURGERY TRAINING IN AFRICA**  
(12' presentation + 3' discussion)  
Moderators: Mahmood Qureshi, Nasser El-Ghandour

14.30-14.45 **Neurosurgery in Sub-Saharan Africa - Historical Background and Development of Training Programs in East Africa**  
Aamir Qureshi

14.45-15.00 **Pediatric neurosurgery in Africa - Present and future**  
Kazadi Kalangu

15.00-15.15 **Neurosurgical Education in Egypt and Africa**  
Nasser El-Ghandour

15.15-15.30 **The College of Surgeons of East, Central and Southern Africa: Successes and Challenges in Standardizing Neurosurgical Training**  
Edwin Mogere

15.30-15.45 **Evolution of neurosurgery training in Africa**  
Abdessalem El Khamlichi

15.45-16.00 **The scope of neurosurgical training and practice in the region**  
Mwang'Ombe

16.00-16.15 **Beyond Oncologic Outcome: - Utility Of Cognitive Outcome Assessment In Supratentorial Gliomas**  
Jefferson Mwangi

16.15-16.30 **Discussion**

16.30-17.00 **Coffee break**

17.00-19.00 **PEDIATRIC**  
(12' presentation + 3' discussion)  
Moderators: Concezio Di Rocco, Frederick Boop

17.00-17.15 **Update on Care for Childhood Ependymoma**  
Frederick Boop

17.15-17.30 **Does molecular pathology change our neurosurgical strategies in pediatric brain tumors?**  
Sergey Gorelyshev

17.30-17.45 **Recent advances in pediatric brain tumor surgery**  
Aurelia Peraud



- 17.45-18.00      **Endoscopic endonasal transsphenoidal surgery in children: widening the spectrum of oncological indications in the pediatric age group**  
Gianpiero Tamburrini
- 18.00-18.15      **Surgical treatment of Chiari 1 malformation**  
Venelin Gerganov
- 18.15-18.30      **Surgical results of Renier H technique and total cranial vault remodeling in children with scaphocephaly**  
Tomaz Velnar
- 18.30-18.45      **Yet another scaphocephaly recipe: TSEO revisited**  
Mirko Micovic
- 18.45-19.00      **Discussion**
- 20.00**              **Faculty transfer to the dinner venue**
- 20.30**              **SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**

## HALL 4

08.30-11.30	<b>SNSS&amp;EANS YN EVENT</b> Moderators: Marisa Gandia, Milan Lopic
08.30-09.00	<b>Advanced technologies for preoperative planning in cranial surgery: young neurosurgeons experience?</b> Giovanni Raffa
09.00-09.30	<b>Can AI pass the EANS Board exam? Ethical and practical issues</b> Stefan Motov
09.30-10.00	<b>EANS EVD guidelines: the process and the conclusions</b> Stanislav Kaprovoy
10.00-10.30	<b>Imposter syndrome</b> Milan Lopic
10.30-11.00	<b>Young neurosurgeons needs and training. (Results of a survey)</b> Marisa Gandía
11.00-11.30	<b>Discussion</b>
11.30-12.00	Coffee break
13.40-14.30	Lunch
14.30-16.30	<b>ACIBADEM UNIVERSITY SESSION</b>
14.30-14.45	<b>Insular gliomas</b> Necmettin Pamir
14.45-15.00	<b>Extension patterns of diffuse gliomas</b> Koray Ozduman
15.00-15.15	<b>Neurocognitive evaluation of glioma patients</b> Baran Bozkurt
15.15-15.30	<b>Central Neurocytomas</b> Orhun Çevik
15.30-15.45	<b>Threatment for Pediatric Diffuse Gliomas</b> Bahattin Tannkulu
15.45-16.00	<b>Surgical approach to brainstem camernomas</b> Imre Usseli
16.00-16.30	<b>Q&amp;As and Discussion</b>
16.30-17.00	Coffee break



- 17.00-19.00**      **Education in Neurosurgery across Europe: the AENEID project and beyond (Erasmus+ KA - Knowledge Alliances – proposal EAC/A02/2019 – application no. 621621-EPP-1-2020-1-IT-EPPKA2-KA)**  
Moderator: Alessandro Perin
- 17.00-17.20**      **Introduction and overview Neurosurgical Education in Serbia across 100 years**  
Lukas Rasulic
- 17.20-17.40**      **Issues in Neurosurgical training**  
Francesco Di Meo
- 17.40-18.00**      **EANS education in neurosurgery: recap and update**  
Andreas Demetriades
- 18.00-18.20**      **The AENEID Project**  
Alessandro Perin/Nicolò Castelli/Giovanni Carone
- 18.20-18.40**      **A new outlook on neurosurgery training**  
Torstein Meling
- 18.40-19.00**      **Discussion and conclusion**
- 20.00**              **Faculty transfer to the dinner venue**
- 20.30**              **SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**

## HALL 5

### NURSING SYMPOSIUM - CONTEMPORARY NURSING IN NEUROSURGERY

- 08.30-11.30 **NURSING IN NEUROSURGERY – GENERAL**  
Moderators: Snežana Tomašević, Enisa Rizić, Nada Stojadinović
- 08.30-08.40 **Welcome address**  
Milos Jokovic, Lukas Rasulic, Zana Djuric, Snezana Tomasevic
- 08.40-08.50 **History of nursing and neurosurgical nurses in Serbia**  
Zana Djuric
- 08.50-09.00 **Improvement of intraoperative nursing care through tehnological progress in neurosurgery**  
Vesna Svircevic
- 09.00-09.10 **Contemporary nursing in neurosurgery**  
Ljiljana Stijepovic
- 09.10-09.20 **Commitment to pain management from a nurses' perspective**  
Ivona Bakotin & Mateo Kosier
- 09.20-09.30 **Health care of the polytraumatized patients**  
Ljiljana Djukic
- 09.30-09.40 **Management and communication within a multidisciplinary team**  
Martina Martinovic & Ljiljana Zarak
- 09.40-09.50 **Nursing care of patient with Parkinsons disease**  
Branka Gabud, Dijana Relic & Bozena Filkovic Pirser
- 09.50-10.00 **Care of neuro-oncology patients as a basis for improvement of care of all difficult and complex patients**  
Ivan Popovic
- 10.00-10.10 **Artificial intelligence and virtual reality**  
Radisa Djuric
- 10.10-10.20 **Scope of work of a nurse in the admission ambulance of the Clinic for Neurosurgery UCCS**  
Marica Knezevic
- 10.20-10.30 **Scope of work of the nurse in Day care hospital of the Clinic for Neurosurgery UCCS**  
Snezana Gvozdenovic Lalic
- 10.30-10.40 **Stereotaxic radiotherapy of the CNS benign changes on the Linac**  
Dragana Vukasinovic
- 10.40-10.50 **Activities of the nurse in the neurosurgical outpatient clinic**  
Jasmina Mikasinovic





- 10.50-11.00 **Modern nursing interventions in the post-operative course of patients with cerebral aneurysms in the intensive care unit**  
Katarina Vukosavljev
- 11.00-11.10 **The role and significance of the nurse in the care of neurooncology patients**  
Milena Vulovic
- 11.10-11.30 **Discussion**
- 11.30-12.00 **Coffee break**
- 12.00-14.10 NURSING IN NEUROSURGERY – SPINE AND PERIPHERAL NERVES**  
Moderators: Svetlana Delic, Ljeposava Vukicevic, Vesna Svircevic
- 12.00-12.10 **Health care of patients with peripheral nerve injuries**  
Kristina Stankovic & Svetlana Delic
- 12.10-12.20 **Standards and norms in the prevention of carpal tunnel syndrome**  
Mirjana Dackovic
- 12.20-12.30 **Specifics of health care in a patient with a spinal tumor – Case presentation**  
Marko Vukoja & Suzana Tole
- 12.30-12.40 **Spinal neurosurgery – Pre- and post- operative care at the SKB Mostar Clinic for neurosurgery**  
Nada Petric & Petra Primorac
- 12.40-12.50 **The role of the scrub nurse in the operation of the lumbar segment of the spinal column**  
Aleksandra Bojanic
- 12.50-13.00 **Health care of patients after vertebroplasty**  
Silvija Zinic & Ankica Medjeral
- 13.00-13.10 **Nursing care of patients with injury and consequent cervical herniated disc**  
Martina Kolacko & Ema Kovac
- 13.10-13.20 **Nursing interventions in patients with spinal stabilization**  
Svetlana Matic
- 13.20-13.30 **Healthcare of patients after stabilization of the spine**  
Tea Sebek
- 13.30 – 13.40 **Immediate pre- and post-operative care of patients operated on for disc herniation**  
Natasa Zlatkovic
- 13.40-13.50 **Quality of life of patients after disc herniation surgery**  
Marijana Lacman
- 13.50-14.10 **Discussion**
- 14.10-15.00 **Lunch**

15.00-18.30	<b>NURSING IN NEUROSURGERY – BRAIN, SKULL BASE &amp; VASCULAR</b> Moderators: Ljiljana Stijepovic, Sandra Milosevic, Dijana Stojcic
15.00-15.10	<b>Protocol for the operative technique of invasive intracranial pressure measurement</b> Sandra Milosevic
15.10-15.20	<b>Brain gliomas - scope of work of the nurse</b> Danijela Djosevska
15.20-15.30	<b>Vagus nerve stimulation (VHS)</b> Jelena Savic, Tatjana Crnoglavac
15.30-15.40	<b>Chronic subdural hematoma as a challenge in the care of neurosurgical patients</b> Natasa Gligorijevic-Stankovic
15.40-15.50	<b>Health care of patients after skull base surgery</b> Aleksandra Damjanovic
15.50-16.00	<b>Endoscopy-Third ventriculocisternostomy preparation and instrumentation</b> Ivana Balic
16.00-16.10	<b>Epilepsy</b> Lazar Nikolic
16.10-16.20	<b>Fatal aneurysm - family support</b> Aleksandar Bezanic
16.20-16.30	<b>The nurse's scope of work in patients with an indication for a Baclofen pump</b> Milesa Markovic, Stanisa Markovic
16.30-16.40	<b>Standardized health care procedures in children with intracranial hemorrhage</b> Ema Jordanovic & Enisa Rizic
16.40-16.50	<b>Nursing care of patients with closed traumatic brain injury</b> Monika Nenadic & Ivona Bakotin
16.50-17.00	<b>Health care of a patient with an unruptured cerebral aneurysm</b> Kristina Dzidic & Ljeuposava Vukicevic
17.00-17.10	<b>Radiosurgery – Gamma knife</b> Sladjana Sakan
17.10-17.20	<b>Scope of work of the nurse in the Gamma knife department</b> Snezana Radivojevic
17.20-17.30	<b>Specificities of health care in patients operated due to intracranial bleeding</b> Milica Terzic & Marija Bradic
17.30-17.40	<b>The role of the nurse after pituitary tumor surgery</b> Mirjana Konjevic



- 17.40-17.50 **Care of neurosurgical patients with craniocerebral injuries in the intensive care unit**  
Jovica Dunjic
- 17.50-18.10 **Discussion**
- 18.10-18.30 **Closing remarks**
- 20.00 Faculty transfer to the dinner venue**
- 20.30 SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**

## HALL 6

13.40-14.30 **SERBIAN NEUROSURGICAL SOCIETY - EC MEETING**

**November 3<sup>rd</sup>, 2023**

**Venue: Crowne Plaza, Belgrade**

**Hosts: Center for Neurosurgery, Clinical Center Kragujevac &  
Department of Neurosurgery, Clinical Hospital Center Zemun, Belgrade**

**Joint venture with SeENS**

## HALL 1

09.00-11.30	<b>TRENDS &amp; NEW HORIZONS</b> (12' presentation + 3' discussion) Moderators: Alexandru Vlad Ciurea, Aleksandar Caparoski
09.00-09.15	<b>From axis to neuronavigation - pointing to intracerebral lesions</b> Alexandru-Vlad Ciurea
09.15-09.30	<b>Training neurosurgeons: the C. Besta experience</b> Alessandro Perin
09.30-09.45	<b>Robot-assisted rehabilitation of neurosurgical patients</b> Tatjana Bucma
09.45-10.00	<b>Vertebroplasty and/or kyphoplasty?</b> Yavor Enchev
10.00-10.15	<b>Augmented reality in skull base surgery</b> Mirza Pojskic
10.15-10.30	<b>Surgical treatment of pilocytic astrocytomas in pediatric population</b> Aleksandar Caparoski
10.30-10.45	<b>Neurosurgery and artificial intelligence</b> Dubravko Culibrk
10.45-11.00	<b>The importance of regional departments in the care of neurosurgical patients</b> Momir Jovanovic
11.00-11.30	<b>Discussion</b>
11.30-12.00	<b>Coffee break</b>
12.00-13.40	<b>PLENARY SESSION</b> Moderators: Lukas Rasulic, Tomislav Sajko
12.00-12.20	<b>Computational modeling and artificial intelligence in spine biomechanics</b> Nenad Filipovic
12.20-12.40	<b>Intraventricular tumors</b> Tomislav Sajko



- 12.40-13.00 **Clipping aneurysms-lessons i have learned after 1000 operated aneurysms**  
Ioan Stefan Florian
- 13.00-13.20 **Lobectomy in the management of GBM**  
Kostas Fountas
- 13.20-13.40 **Extracranial Metastases of Atypical Meningioma**  
Miodrag Peulic
- 13.40-14.30 Lunch
- 14.30-16.30 **PANEL WOMEN IN NEUROSURGERY**  
Moderator: Sofija Pejnova
- 16.30-16.45 Coffee break
- 16.45-18.45 **YOUNG NEUROSURGEONS AND STUDENTS FORUM**  
Moderators: Petar Vulekovic, Ibrahim Omerhodzic, Tomislav Sajko
- 18.45-19.00 **CLOSING & AWARD CEREMONY**
- 19.30 **SNSS & SEENS FAREWELL COCKTAIL**

## HALL 2

- 09.00-11.30 **SPINE**  
(12' presentation + 3' discussion)  
Moderators: Miroslav Vukic, Michael Spyrou
- 09.00-09.15 **Developing a novel, population-specific prognosis prediction system in the case of surgically treated spine metastatic patients**  
Peter Banczerowski
- 09.15-09.30 **New trends, old tricks cervicothoracic junction surgery**  
Sukru Caglar
- 09.30-09.45 **Minimally Invasive Neurosurgery: State of the art**  
Guenther Feigl
- 09.45-10.00 **Proper planning prevents poor results in spinal surgery**  
Daniel Staribacher
- 10.00-10.15 **The level of the cervical prosthesis in the Hybrid Surgery and its effect on the cervical range of motion**  
Matjaz Vorsic
- 10.15-10.30 **Spinal injury. Modern aspect. Cyprus experience.**  
Michalakis Spyrou
- 10.30-10.45 **Prevention of Epidural Fibrosis After Lumbar Disc Surgery-technical note**  
Rasim Skomorac
- 10.45-11.00 **Spontaneous regression of cervical disc herniation**  
Danilo Radulovic
- 11.00-11.15 **Recurrent compressive radicular syndrome after lumbar surgery disc herniation**  
Radivoje Nikolic
- 11.15-11.30 **Omentomyelopexy in injured spinal cord**  
Ljubodrag Minic
- 11.30-12.00 Coffee break
- 13.40-14.30 Lunch



- 14.30-16.30 **NEUROANESTHESIOLOGY**  
(12' presentation + 3' discussion)  
Moderators: Tijana Nastasovic, Igor Lazic
- 14.30-14.45 **Perioperative anesthetic management of patients with sellar and parasellar tumors**  
Igor Lazic
- 14.45-15.00 **Can we plan anticoagulated patients for neurosurgical emergencies?**  
Aleksandra Gavrilovska Brzanov
- 15.00-15.15 **Transplantation and neurosurgery**  
Sasa Knezevic
- 15.15-15.30 **Pregnancy and neuroanesthesia**  
Suzana Bojic
- 15.30-15.45 **Aneurysmal subarachnoid hemorrhage- anesthesiological aspects of treatment**  
Tijana Nastasovic
- 15.45-16.30 **Discussion**
- 16.30-16.45 **Coffee break**
- 16.45-18.30 **GENERAL**  
(12' presentation + 3' discussion)  
Moderators: David Netuka, Roman Bosnjak
- 16.45-17.00 **Endoscopic endonasal approach to tuberculum sellae meningiomas**  
Roman Bosnjak
- 17.00-17.15 **Endoscopic approaches for giant pituitary adenomas**  
Savas Ceylan
- 17.15-17.30 **Low grade lumbar spondylolisthesis – is fusion after decompression is necessary?**  
Djula Djilvesi
- 17.30-17.45 **Radiosurgery for large brain metastases**  
Sergej Marasanov
- 17.45-18.00 **The influence of intraoperative rupture of cerebral aneurysms on the outcome of microsurgical intervention**  
Novak Lakicevic

- 18.00-18.15      **Brain tumor surgery in the 21<sup>st</sup> century without advanced technology**  
Vojin Kovacevic
- 18.15-18.30      **Functional recovery after surgical treatment of the radial nerve injury**  
Slavko Djuraskovic
- 18.30-18.45      **Discussion**
- 18.45-19.00      CLOSING & AWARD CEREMONY**
- 19.30              SNSS & SEENS FAREWELL COCKTAIL**





## HALL 3

09.00-11.45	<b>ENDOVASCULAR</b> (12' presentation + 3' discussion) Moderators: Ivan Vukasinovic, Eduardo Boccardi
09.00-09.15	<b>Interventional neuroradiology in Serbia / Tribute to Branko Prstojevic</b> Ivan Vuksanovic
09.15-09.30	<b>Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct</b> Christophe Cognard
09.30-09.45	<b>Next frontiers in endovascular stroke treatment</b> Marios Psychogios
09.45-10.00	<b>Endovascular treatment of brain AVMs</b> Vitor Mendes Pereira
10.00-10.15	<b>Haemodynamic solutions for aneurysm treatment</b> Naci Kocer
10.15-10.30	<b>Endovascular treatment of intracranial aneurysms with robotic assistance</b> Kamil Zelenak
10.30-10.45	<b>The revolution of flow diverters in aneurysm treatment</b> Eduardo Boccardi
10.45-11.00	<b>Endovascular treatment of dAVFs - Clinical Center Sarajevo experience</b> Deniz Bulja
11.00-11.15	<b>Spinal dural AV fistulas - diagnosis and treatment</b> David Ozretic
11.15-11.30	<b>Endovascular treatment of distal aneurysms with low-profile flow diverter; mid and long term follow-up</b> Vladimir Gavrilovic
11.30-11.45	<b>Endovascular treatment of ischemic stroke</b> Aleksandra Aracki Trenkic
11.45-12.00	Coffee break
13.40-14.30	Lunch

14.30-16.30

**VASCULAR**

(12' presentation + 3' discussion)  
Moderators: Senta Frol, Aki Laakso

14.30-14.45

**Venous Sinus Thrombosis – Women's Disease?**

Senta Frol

14.45-15.00

**Predictive Outcome Factors (Open MicroSurgery) in Intracranial Aneurysms - An experience of 1092 cases**

Alexandru Vlad Ciurea & Horia Ples

15.00-15.15

**Surgical management of spontaneous interacerebral haemorrhage: why and when?**

Vladimir Bascarevic

15.15-15.30

**Functional neuroanatomy through the lens of the endovascular surgeon**

Igor Maldonado

15.30-15.45

**The cranial and spinal Dural AVFs and the Tower of Babel**

Gerasimos Baltasvias

15.45-16.00

**The impact of aneurysm morphology on its rupture - advanced assessment**

Filip Vitosevic

16.00-16.30

**Discussion**

16.30-16.45

Coffee break

16.45-18.30

**VASCULAR**

(12' presentation + 3' discussion)  
Moderators: Matjaz Vorsic, Dragan Savic

16.45-17.00

**Anterior brain circulation aneurysm surgery**

Goran Tasic

17.00-17.15

**Comparative Analysis of Postoperative Outcomes and Resection/Occlusion Grade for Cerebral Arteriovenous Malformations: Microsurgery vs. Gamma Knife**

Dragan Savic

17.15-17.30

**Hypopituitarism after spontaneous subarachnoid hemorrhage of aneurysmal origin**

Vladimir Jovanovic





- 17.30-17.45      **Cerebral venous congestion exacerbates cerebral microhemorrhages in mice**  
Peter Toth
- 17.45-18.00      **Vascular complications of ventriculoperitoneal shunt**  
Miljan Mihajlovic
- 18.00-18.15      **Detection of microembolic signals and cerebral vasoreactivity in neurosurgery**  
Toplica Lepic
- 18.15-18.30      **Discussion**
- 18.45-19.00      CLOSING & AWARD CEREMONY**
- 19.30              SNSS & SEENS FAREWELL COCKTAIL**

## HALL 4

09.00-11.30 **FREE TOPICS**

11.30-12.00 Coffee break

13.40-14.30 Lunch

14.30-16.30 **FREE TOPICS**

16.30-16.45 Coffee break

16.45-18.45 **STUDENTS HANDS-ON SUTURING COURSE**  
Moderators: Aleksandar Simic, Andrija Savic

18.45-19.00 **CLOSING & AWARD CEREMONY**

19.30 **SNSS & SEENS FAREWELL COCKTAIL**

## HALL 5

13.40-14.30 **SOUTHEAST EUROPE NEUROSURGICAL SOCIETY - EC MEETING**