



12th SNSS Annual Meeting with International Participation:

September 10-13, 2026, Niš, Serbia

Neurooncology 2026

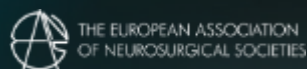
Think Global, Act Local

Challenges and Solutions

Save the Date: 
September 10-13, 2026
Niš, Serbia

Joint venture with the:

- Sociedad Española de Neurocirugía - SENECS
- International Academy of Neurosurgical Anatomy - IANA
- EANS Young Neurosurgeons' Committee
- Southeast Europe Neurosurgical Society - SeENS



 Venue:
Science Technology Park Niš
Niš, Serbia

Preliminary Scientific Program

Outline of the Scientific Program

Thursday, September 10th, 2026

	HALL 1	HALL 2	HALL 3	HALL 4
10.00–				
10.30–				
11.00–				
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12.00–				
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19.00–				
19.30–				
20.00–				
	20.00–22.00 Welcome cocktail, City Hall, Nis			

Neurooncology 2026

Think Global, Act Local – Challenges and Solutions

September 10-13, 2026, Niš, Serbia



Friday, September 11th, 2026

	HALL 1	HALL 2	HALL 3	HALL 4
09.00-	09.00-11.00 General Scientific Session 1			
09.30-				
10.00-				
10.30-				
11.00-				
11.00-	11.00-11.30 Coffee break			
11.30-				
12.00-				
12.30-				
13.00-				
13.00-	11.30-13.45 General Scientific Session 2			
13.30-				
14.00-				
14.00-	13.45-14.30 Lunch			
14.30-				
15.00-				
15.00-	14.30-16.00 Opening ceremony			
15.30-				
16.00-				
16.00-	16.00-16.30 Meet & greet			
16.30-	16.30-19.00 High-Grade Gliomas: Multimodal Treatment Strategies	16.30-19.00 Exploring Frontiers in Neuro-Oncology	16.30-19.00 EANS YNC Special Session	16.30-19.00 Parallel session - Free topics 2
17.00-				
17.30-				
18.00-				
18.30-				
19.00-				
19.30-				
20.00-				
20.30-	20.30-23.30 Faculty dinner, Restaurant Stambolijski			

Neurooncology 2026

Think Global, Act Local – Challenges and Solutions

September 10–13, 2026, Niš, Serbia



Saturday, September 12th, 2026

	HALL 1	HALL 2	HALL 3	HALL 4
09.00–				
09.30–				
10.00–	09.00–11.00 General Scientific Session 3		09.00–11.00 Nursing symposium	
10.30–				
11.00–				
11.30–	11.00–11.30 Coffee break			
12.00–				
12.30–	11.30–14.00 General Scientific Session 4		11.30–13.45 Nursing symposium	
13.00–				
13.30–				
14.00–	14.00–14.30 Lunch			
14.30–				
15.00–	14.30–16.30 IANA Special Session – Importance of neuroanatomy in neurooncology – Part 1	14.30–16.30 Brain Metastasis: innovations, Surgical Indications and Techniques	14.30–16.30 Nursing symposium	14.30–15.00 Guest lecture
15.30–				
16.00–				15.00–16.30 SENEC special session – Part 1
16.30–				
17.00–	16.30–17.00 Coffee break			
17.30–	17.00–19.00 IANA Special Session – Importance of neuroanatomy in neurooncology – Part 2	17.00–19.00 Skull Base and Complex Neuro- Oncology	17.00–19.00 Surgical challenges, management strategies and evolving perspectives in neurooncology	17.00–19.00 SENEC special session – Part 2
18.00–				
18.30–				
19.00–				
19.30–				
20.00–	20.00–00.00 Networking dinner, Officers Club			

Neurooncology 2026

Think Global, Act Local – Challenges and Solutions

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Sunday, September 13th, 2026

	HALL 1	HALL 2	HALL 3	HALL 4
09.00-	09.00-12.00 General Scientific Session 5			
09.30-				
10.00-				
10.30-				
11.00-				
11.30-				
12.00-	12.00-12.30 Coffee break			
12.30-	12.30-14.00 Young neurosurgeons' forum - Award session	12.30-14.00 Parallel session - Free topics 3	12.30-14.00 Parallel session - Free topics 4	
13.00-				
13.30-				
14.00-				
14.00-	14.00-14.15 Closing & award ceremony			
14.30-	14.15-16.00 Farewell cocktail, Nacionalna klasa			
15.00-				
15.30-				
16.00-				
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20.30-				

Hall 1

Thursday, September 10, 2026

09.45-10.00 **Opening remarks**

10.00-13.00 **Special session**
AI-Based Monitoring and Certification of Psychomotor Skills in Neurosurgical Education

The Cranial Neuro-Oncology Course is an advanced hands-on training program designed to enhance surgical skills in cranial oncological procedures. The course focuses on realistic surgical scenarios, including craniotomies, tumor dissections, and microsurgical techniques, using hyper-realistic mixed reality simulators.

A distinctive feature of the course is the integration of sensor-based technologies and artificial intelligence systems to monitor psychomotor performance during surgical tasks. This data-driven approach enables structured feedback, skill benchmarking, and performance tracking, supporting both training optimization and competency assessment.

The course is aimed at neurosurgeons and residents seeking to refine their technical skills while being introduced to next-generation AI-based tools for surgical education, performance monitoring, and skills certification.

10.00-10.30 **Modern Surgical Management of Brain Tumors: Planning, Approaches, and Safe Resection Strategies**
Giannantonio Spina

10.30-11.00 **Introduction to the Hands-On Session: Equipment, Workflow, Basic Principles and Surgical Objectives**
Federico Nicolosi

11.00-11.30 **Cranial Approaches and Craniotomies**

Participants will work in pairs across 10 stations. Each participant will perform the complete craniotomy workflow under faculty supervision.

11.30-12.45 **Fluorescence-Guided High-Grade Glioma Resection**

Participants will perform simulated neuro-oncological procedures using hyper-realistic mixed-reality cranial simulators reproducing high-grade gliomas.

12.45-13.00 **Final Discussion and Debriefing**

13.00-14.00 **Lunch**

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14.00-17.00 **Scientific Session of the Neurosurgical Section of the Serbian Medical Society**

Moderators: Goran Pavlicevic, Petar Vulekovic

14.00-14.05 **Welcome and Objectives**

Goran Pavlicevic

14.05-14.25 **Neurosurgical Management of Peripheral Nerve Tumors in Resource-Constrained Settings: From Guidelines to Local Practice**

Lukas Rasulic

14.25-14.45 **Achieving Maximal Safe Resection: Contemporary Techniques and Real-World Challenges**

Jagos Golubovic

14.45-15.05 **Multidisciplinary Decision-Making in Neurooncology: Building Effective Local Tumor Boards**

Goran Pavlicevic

15.05-15.25 **Low-Grade Gliomas: Timing of Surgery, Extent of Resection and Long-Term Outcomes**

Djula Djilvesi

15.25-15.45 **High-Grade Gliomas in 2026: What Has Changed for the Neurosurgeon?**

Rosanda Ilic

15.45-16.05 **Brain Metastases: The Evolving Role of Surgery in the Era of Precision Oncology and Radiosurgery**

Vesna Nikolov

16.05-16.25 **Centralization, Referral Pathways and Quality Standards in Neurooncological Surgery**

Vojin Kovacevic

16.25-16.45 **Neurooncology 2026 - Translating Global Standards into Local Practice**

Milan Lepic

16.45-17.00 **Discussion**

20.00-22.00 **Welcome cocktail - Reception by the Mayor of the City of Niš**

Venue: City Hall, Address: 7. juli 2, 18000 Niš

Hall 2

Thursday, September 10th, 2026

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|-------------|---|
| 14.00–17.00 | Updates in Pediatric Neurooncology
<i>Moderators: Jehuda Soleman, Shlomi Constantini</i> |
| 14.00–14.20 | Same Name, Different Disease – Pediatric and Adult Brain Tumors
<i>Jehuda Soleman</i> |
| 14.20–14.40 | Tumors of the central nervous system in the first years of life
<i>Laszlo Novak</i> |
| 14.40–15.00 | Shifting trends in the treatment of Pediatric Craniopharyngioma
<i>Shlomi Constantini</i> |
| 15.00–15.20 | Current trends in the treatment of Pediatric spinal cord tumors
<i>Shlomi Constantini</i> |
| 15.20–15.40 | Current trends in the treatment of Pediatric Ependymomas
<i>Shlomi Constantini</i> |
| 15.40–16.00 | Oncological considerations in Pediatric low grade gliomas
<i>Amit Ringel</i> |
| 16.00–16.20 | Medulloblastoma: evolution of treatment in the molecular era
<i>Angela Mastronuzzi</i> |
| 16.20–16.40 | Update on Radiotherapy for Pediatric Brain Tumors
<i>Derek Tsang</i> |
| 16.40–17.00 | <i>Closing remarks</i> |

20.00–22.00	Welcome cocktail – Reception by the Mayor of the City of Niš <i>Venue: City Hall, Address: 7. juli 2, 18000 Niš</i>
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Hall 3

Thursday, September 10th, 2026

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|-------------|---|
| 14.00–17.00 | Spinal&Nerve Oncology
<i>Moderators Nebojsa Stojanovic, Mitja Benedicic</i> |
| 14.00–14.15 | Intraoperative AI-based Analysis and Diagnosis of Intradural Extramedullary Spinal Tumors Using Stimulated Raman Histology (SRH)
<i>Amir El Rahal</i> |
| 14.15–14.30 | Keyhole and Minimally Invasive Approaches to Spinal Canal Pathologies: A Classification-Based Strategy
<i>Peter Banczerowski</i> |
| 14.30–14.45 | Endoscopic transtubular removal of colloid cyst – a minimally invasive microsurgical procedure
<i>Roman Bosnjak</i> |
| 14.45–15.00 | Minimal Invasive Transorbital Approach for Cavernous Sinus Meningiomas
<i>Ali Karadaag</i> |
| 15.00–15.15 | Tumors of the spinal column – surgical approaches and dilemmas
<i>Nebojsa Stojanovic</i> |
| 15.15–15.30 | Prevention of malignant transformation in NF – realted peripheral nerve tumors
<i>Debora Garozzo</i> |
| 15.30–15.45 | Microsurgical Treatment of Tuberculum Sella Meningiomas: approaching from the contralateral side of the compromised optic nerve
<i>Baris Kucukyuruk</i> |
| 15.45–16.00 | Neurogenic Tumours of Peripheral Nerves – Lessons Learnt
<i>Ketan Desai</i> |
| 16.00–16.15 | Quality of Life and Neurological Outcomes in Patients with Spinal Tumors
<i>Radmila Matijevic</i> |
| 16.15–16.30 | Combination treatment of spinal cord tumors
<i>Roman Onoprienko</i> |
| 16.30–16.45 | Minimally invasive treatment of CVJ tumors
<i>Stanislav Kaprovoy</i> |
| 16.45–17.00 | Surgical treatment of patients with intradural extramedullary tumors: minimally invasive vs open methods
<i>Evgeny Brinyuk</i> |

20.00–22.00 **Welcome cocktail – Reception by the Mayor of the City of Niš**
Venue: City Hall, Address: 7. juli 2, 18000 Niš



Hall 4

Thursday, September 10th, 2026

14.00-17.00

Parallel session
- Free topics 1

20.00-22.00

Welcome cocktail - Reception by the Mayor of the City of Niš
Venue: City Hall, Address: 7. juli 2, 18000 Niš

Hall 1

Friday, September 11th, 2026

09.00–11.00	General Scientific Session 1 <i>Moderators: Mario Ganau, Petar Vulekovic</i>
09.00–09.15	Malignant astrocytomas: a historical perspective <i>Mario Ammirati</i>
09.15–09.30	The microsurgery challenge of the high volume meningiomas <i>Arturo Ayala-Arcipreste</i>
09.30–09.45	Generating Evidence for patients with CNS metastases <i>Emilie Le Rhun</i>
09.45–10.00	Pre-operative Embolization for Vascular Tumors, Techniques and Pitfalls <i>Ali Alaraj</i>
10.00–10.15	Surgery vs. Stereotactic Radiotherapy for Benign Meningioma: A Propensity-Matched Analysis of Long-Term Outcomes and Treatment Effect Heterogeneity <i>Michael Bruneau</i>
10.15–10.30	Personal experience of building a neuro-oncological service in South East Europe <i>Nikolaos Foroglou</i>
10.30–10.45	Innovative therapeutic concepts for patients with gliomas <i>Michael Weller</i>
10.45–11.00	Surgical management of fourth ventricular tumors <i>Francesco Signorelli</i>
11:00–11:30	Coffee break



Hall 1

Friday, September 11th, 2026

11.30–13.45	General Scientific Session 2 <i>Moderators: Lukas Rasulic, Andreas Demetriades</i>
11.30–11.45	Assessing motor brain connectivity under general anesthesia: A proof of concept study <i>Francesco Sala</i>
11.45–12.00	Biological Therapies for Human Gliomas. <i>Frederick Lang</i>
12.00–12.15	Mapping matter & mind : Game changers in brain mapping and monitoring <i>Karl Schaller</i>
12.15–12.30	Minimally Invasive Spine Surgery for Metastatic Disease: Balancing Efficacy and Morbidity <i>Andreas Demetriades</i>
12.30–12.45	Surgical Management of Vestibular Schwannoma Following Failed Treatment <i>Amir Samii</i>
12.45–13.00	Molecular Neurosurgery – intra-operative stimulated Raman spectroscopy controlled brain tumor surgery <i>Jurgen Beck</i>
13.00–13.15	Modern approaches to the treatment of CNS tumors <i>Dmitry Usachev</i>
13.15–13.30	Vascular Microsurgery in Neurooncology - Techniques and rescue strategies <i>Fady Charbel</i>
13.30–13.45	Long-term survival with preservation of quality of life after connectome-based resection in awake patients with low-grade gliomas: a 28-year experience with over 1400 surgeries <i>Hugues Duffau</i>
13.45–14.30	Lunch

Hall 1

Friday, September 11th, 2026

14:30–16:00	Opening ceremony
15:15–16:00	Special guest lecture Trends in the management of skull base tumors <i>Madjid Samii</i>
16:00–16:30	Meet & greet
16:30–19:00	High-Grade Gliomas: Multimodal Treatment Strategies <i>Moderators: Kostas Fountas, Vesna Nikolov</i>
16:30–16:45	Updates on Grade 4 Malignant Brain Tumors (Glioblastomas) – The Maximal Invasive Approach <i>Alexandru-Vlad Ciurea</i>
16:45–17:00	Minimizing intraoperative ultrasound artifacts in glioma surgery – 15 years of personal experience <i>Andrej Steno</i>
17:00–17:15	Anti-seizure medication in glioblastoma patients. Trends and future <i>Anastasia Tasiou</i>
17:15–17:30	Surgical treatment and management of glial tumors located in the primary motor area <i>Baran Bozkurt</i>
17:30–17:45	Multimodal imaging in glioma as and histological findings prediction <i>David Netuka</i>
17:45–18:00	Glioblastoma in 2026: Why Is It Still So Difficult to Treat? <i>Nikolay Velinov</i>
18:00–18:15	Changing paradigms in Glioma surgery <i>Sumit Sinha</i>
18:15–18:30	Brain high grade gliomas: from flairectomy to virtual MRI <i>Giuseppe Barbagallo</i>
18.30–18.45	Systemic treatment of primary brain tumors <i>Irena Conic</i>
18.45–19.00	Discussion
20.30–23.30	Faculty dinner, Restaurant Stambolijski <i>Venue: Restaurant Stambolijski, Address: Nikole Pašića 36, 18000 Niš</i>



Hall 2

Friday, September 11th, 2026

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|-------------|---|
| 16:30–19:00 | Exploring Frontiers in Neuro–Oncology
<i>Moderators: Jasper Gerritsen, Rebeca Pérez-Alfayate</i> |
| 16:30–16:45 | Future Directions in Neuro–Oncology: Personalized Tumor Vaccines, Cellular Therapies, and Integrated Cyber–Medicine Approaches
<i>Mehmet Akdemir & Tadao Ohno</i> |
| 16:45–17:00 | Real–Time Navigation in Neuro–Oncology
<i>Sabino Luzzi</i> |
| 17:00–17:15 | The Personalization Era in Glioma Surgery: Defining Patient–Tailored Strategies
<i>Jasper Gerritsen</i> |
| 17:15–17:30 | AI–Based Monitoring and Certification of Psychomotor Skills in Neurosurgical Education in Neurooncology
<i>Federico Nicolosi</i> |
| 17:30–17:45 | Establishment of a National Registry for Stereotactic and Functional Neurosurgery in Slovenia
<i>Mitja Benedicic</i> |
| 17:45–18:00 | Gamma Knife Radiosurgery for Low–Grade Gliomas: Defining Its Place in Modern Neuro–Oncology
<i>Sergej Marasanov</i> |
| 18:00–18:15 | Stereotactic Radiosurgery in Neuro–Oncology: Optimizing Outcomes in the Era of Personalized Medicine
<i>Biljana Seha</i> |
| 18:15–18:30 | Neuroanatomical Pitfalls and Pearls Posterior Clinoidal Meningiomas
<i>Huseyin Biceroglu</i> |
| 18.30–18.45 | Surgical Innovation and Functional Preservation in Brain Tumor Patients
<i>Aleksandar Kostic</i> |
| 18.45–19.00 | <i>Discussion</i> |

20.30–23.30	Faculty dinner, Restaurant Stambolijski <i>Venue: Restaurant Stambolijski, Address: Nikole Pašića 36, 18000 Niš</i>
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Hall 3

Friday, September 11th, 2026

16:30–19:00	EANS YNC Special Session <i>Moderators: Milan Lepić, Marisa Gandia</i>
16:30–16:45	Integrating Oncologic and Epileptologic Goals: ECoG-Guided Temporal Tumor Resection <i>Davide Luglietto</i>
16:45–17:00	Integrating preoperative nTMS mapping in clinical practice <i>Giovanni Raffa</i>
17:00–17:15	Ultrasound guided resection in malignant brain tumors <i>George Petrescu</i>
17:15–17:30	Targeting IDH-Mutant Low-Grade Gliomas: Clinical Implications and Lessons from the INDIGO Study <i>Mary Solou</i>
17:30–17:45	Latest advances in glioma management <i>Jadoon Saqiba</i>
17:45–18:00	Intra and extramedullary tumors: tips and tricks <i>Marisa Gandia</i>
18:00–18:15	Anesthesia and Critical Care in Neuro-Oncology <i>Marko Jovović</i>
18:15–18:30	Skull metastasis – from mimics to reconstruction <i>Laura Lippa</i>
18.30–18.45	Management of metastases <i>Milan Lepić</i>
18.45–19.00	<i>Discussion</i>

20.30–23.30	Faculty dinner, Restaurant Stambolijski <i>Venue: Restaurant Stambolijski, Address: Nikole Pašića 36, 18000 Niš</i>
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Hall 4

Friday, September 11th, 2026

16:30–18:30

Parallel session
– Free topics 2

20.30–23.30

Faculty dinner, Restaurant Stambolijski

Venue: Restaurant Stambolijski, Address: Nikole Pašića 36, 18000 Niš

Hall 1

Saturday, September 12th, 2026

09.00–11.00	General Scientific Session 3 <i>Moderators: Djula Djilvesi, Basant Misra</i>
09.00–09.15	Microsurgery of cavernoma of Complex Bran <i>Basant Misra</i>
09.15–09.30	Onco-functional Outcome in Glioma Surgery: the “gold standard <i>Ihsan Solaroglu</i>
09.30–09.45	Cranial Chordoma: What Is The Best Approach? (Endoscopy Vs Microsurgery <i>Miguel Arraez</i>
09.45–10.00	Surgery for brain metastases – changing indications and new concepts <i>Matthias Simon</i>
10.00–10.15	Supracerebellar infratentorial approach for pineal region tumors: Surgical and technical considerations <i>Mehmet Erhan Turkoglu</i>
10.15–10.30	Experience with confocal endoscopy for surgery of brain lesions <i>Giovanni Broggi</i>
10.30–10.45	Surgical Strategies for Primary Spinal Tumors: Resection Planning to Improve Function <i>Naci Balak</i>
10.45–11.00	Risk Stratification of Deep Vein Thrombosis after Meningioma Surgery: A Practical Clinical Model <i>Djula Djilvesi</i>
11:00–11:30	Coffee break



Hall 1

Saturday, September 12th, 2026

11.30–14.00

General Scientific Session 4

Moderators: Ioan Stefan Florian, Ihsan Solaroglu

11.30–11.45

Stem Cells, Exosomes, microRNAs: Nobel Prize-Winning Future Neurosurgery

Russell Andrews

11.45–12.00

Single Stage Resection and Reconstruction of Tumours Originating or Extending to the Diploe

Mario Ganau

12.00–12.15

Liquid Biopsy in Gliomas: Advances, Clinical Applications, and Challenges in the Era of Precision Medicine

Rebeca Pérez-Alfayate

12.15–12.30

Corpus Callosum Gliomas – Is There Any Indication for Surgery?

Ioan Stefan Florian

12.30–12.45

Current Challenges in the Management of Spinal Tumors and Metastases

Jesus Lafuente

12.45–13.00

Complex interdisciplinary skull base surgery

Ulrich Sure

13.00–13.15

Pilocytic astrocytoma in the brainstem

Magnus Tisell

13.15–13.30

Multidisciplinary Approaches to Managing Peripheral Nerve Tumors: Surgical and Oncological Perspectives

Lukas Rasulic

13.30–13.45

The European Brain Health Ecosystem: Uniting Clinicians, Researchers, and Patients

Katrin Rabiei

13.45–14.00

From Analog to Digital Neurosurgery in Neuro-Oncology: Redefining Precision, Responsibility, and Care

Petar Vulekovic

14.00–14.30

Lunch

Hall 1

Saturday, September 12th, 2026

14.25–16.30 IANA Special Session – Importance of neuroanatomy in neurooncology – Part 1

Moderators: Abhidha Shah, Vojin Kovacevic

14.25–14.30 Introduction

Lukas Rasulic, Ramesh Nair

14.30–14.50 Far Lateral Approach, do we need anything else?

Vladimir Benes

14.50–15.10 Congenital Brain Tumors: Surgical Challenges

Deepak Gupta

15.10–15.30 Cavernous sinus tumors . When is surgery reliable?

Jose Alberto Landeiro

15.30–15.50 Surgical strategy for insular gliomas

Abhidha Shah

15.50–16.10 Tuberculum Sella Meningiomas– Surgical Strategy

Ramesh Nair

16.10–16.30 Anatomy of the Fourth Ventricular Tumours: Anticipating and Addressing Complications

Keki Turel

16.30–17.00 Coffee break



Hall 1

Saturday, September 12th, 2026

17.00–19.00 IANA Special Session – Importance of neuroanatomy in neurooncology – Part 2

Moderators: Ramesh Nair, Petar Vulekovic

17.00–17.20 Anatomical issues related to the transcortical versus the trans sulcal approach to intraaxial brain tumors

Abhidha Shah

17.20–17.40 Adult vs Pediatric Craniopharyngiomas: One Disease or Two?

Girish Menon

17.40–18.00 Wnt and SHH Medulloblastomas: From molecular explosion to surgical precision

Deepak Gupta

18.00–18.20 Giant pituitary tumors: My results in the last 20 years

Jose Alberto Landeiro

18.20–18.40 The Elusive Cure: Postoperative Endpoints in Acromegaly

Girish Menon

18.40–18.50 *Discussion and wrap up*

18.50–19.00 Concluding remarks

Lukas Rasulic & Ramesh Nair

20.00–00.00 Networking dinner

Venue: Officers Club, Address: Orlovica Pavla 28a, 18000 Niš



Hall 2

Saturday, September 12th, 2026

14.30–16.30	Brain Metastasis: innovations, Surgical Indications and Techniques <i>Moderators: Ehab Shibani, Magnus Tisell</i>
14.30–14.45	Prognostic Determinants in Breast Cancer Brain Metastases: Integrating Imaging, Biology and Clinical Course <i>Marvin Darkwah Oppong</i>
14.45–15.00	Brain Metastases: Multidisciplinary Decision-Making Frameworks <i>Jagos Golubovic</i>
15.00–15.15	Intraoperative Radiotherapy in Cranial and Spinal Metastases <i>Ehab Shibani</i>
15.15–15.30	Treatment of spinal pain from metastasis <i>Igor Nikolic</i>
15.30–15.45	Antiepileptics in treatment of brain tumors <i>Tijana Nastasovic</i>
15.45–16.00	Management of HER2-Positive Breast Cancer Brain Metastases in the Era of Novel Agents: A Case Report <i>Ana Stojkovic</i>
16.00–16.15	Current evidence in the systemic treatment of brain metastases from breast cancer <i>Ana Cvetanovic</i>
16.15–16.30	Case Presentation of a Patient with a Primary CNS Tumor <i>Kristina Jankovic</i> Radiotherapy of CNS Metastases: From Conventional Whole-Brain Irradiation to Stereotactic Techniques <i>Milica Mihajlovic</i>
16.30–17.00	Coffee break



Hall 2

Saturday, September 12th, 2026

17.00–19.00	Skull Base and Complex Neuro-Oncology <i>Moderators: Baran Bozkurt, Russell Andrews</i>
17.00–17.15	Practical Middle Fossa Skull Base Techniques for Neuro-oncology: Anterior Petrosectomy + Clinoidectomy as Modular Extensions <i>Orhun Mete Cevik</i>
17.15–17.30	Evolution of surgery for chordomas of the skull base and cranio-vertebral junction. Experience in treating of 908 patients. <i>Michael Spyrou</i>
17.30–17.45	Postoperative complications following resection of extramedullary tumors of the craniovertebral junction region; <i>Jamil Rzaev</i>
17.45–18.00	The role of embolisation in the multimodal treatment of skull base and cervical paragangliomas <i>Ivan Vukasinovic</i>
18.00–18.15	Skull base tumors - finding the balance between total resection and function preservation <i>Vojin Kovacevic</i>
18.15–18.30	Surgical strategy in vestibular schwannoma surgery- single department attitude <i>Andrija Savic</i>
18.30–18.45	Tumors of the Peripheral Nervous System: Imaging, Surgery, and Functional Outcomes <i>Jovan Grujic</i>
18.45–19.00	<i>Discussion</i>

20.00–00.00	Networking dinner <i>Venue: Officers Club, Address: Orlovica Pavla 28a, 18000 Niš</i>
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Hall 3

Saturday, September 12th, 2026

09.00–13.45	Nursing symposium
11.00–11.30	Coffee break
13.45–14.30	Lunch
14.30–16.30	Nursing symposium
16.30–17.00	Coffee break

Hall 3

Saturday, September 12th, 2026

17.00–19.00 **Surgical challenges, management strategies and evolving perspectives in neurooncology**

Moderators: Bruno Splavski, Hakan Emmez

17.00–17.15 **Intracranial complications challenging surgical management and outcome of adult posterior fossa hemangioblastoma**

Bruno Splavski

17.15–17.30 **Natural History and Microsurgical Management of Brainstem Cavernous Malformations**

Boran Urfali

17.30–17.45 **CNS Tumors in Organ Donation: What Is Safe, What Is Controversial, and What Is Changing?**

Aleksandra Gavrilovska

17.45–18.00 **Supramaximal Resection in High-Grade Gliomas: Oncological Benefit, Functional Boundaries, and Real-World Applicability**

Mary Solou

18.00–18.15 **Stroke in Patients with Cancer**

Senta Frol

18.15–18.30 **Global Neurosurgery: Challenges and Opportunities from the Balkans Perspective**

Nikola Brzanov

18.30–18.45 **Brain tumor molecular biology–surgical impact**

Rosanda Ilic

18.45–19.00 **Meningiomas: An Overview of Our Experience and Current Treatment Capabilities**

Bojan Jelaca

20.00–00.00 **Networking dinner**

Venue: Officers Club, Address: Orlovica Pavla 28a, 18000 Niš



Hall 4

Saturday, September 12th, 2026

14.30–15.00 **Guest lecture**
The Importance of Innovation Ecosystems in Advancing Medicine and Neuro-Oncology
Milan Randjelovic

15.00–16.30 **SENEC special session – Part 1**

15.00–15.20 **Intramedullary tumours**
Luis Ley

15.20–15.40 **Extramedullary tumours**
Jesus Lafuente

15.40–16.00 **Ilanos medial third of sphenoid wing meningiomas**
Quico Gonzalez

16.00–16.20 **Cavernoma at the brain stem**
Miguel Arraez

16.20–16.30 *Discussion*

16.30–17.00 **Coffee break**

17.00–19.00 **SENEC special session – Part 2**

17.00–17.20 **Transorbital approach to the middle fossa tumours**
Quim Enseñat

17.20–17.40 **From Molecular Diagnosis to Novel Therapeutic Biomarkers and Patient Advocacy: A New Spanish Model for Oligodendroglioma Research**
Juan Soldevila

17.40–18.00 **radiosurgery for the management of acoustic schwannomas**
Kita Sallabanda

18.00–18.20 **Management of spinal metastasis**
Jose Maria Torres

18.20–18.40 **Sacrectomy for sacral tumours**
Carlos Dominguez

18.40–19.00 **Laser for intracerebral tumors**
Pedro Roldán

20.00–00.00 **Networking dinner**

Venue: Officers Club, Address: Orlovica Pavla 28a, 18000 Niš



Hall 1

Sunday, September 13th, 2026

09.00–12.00	General Scientific Session 5 <i>Moderators: Naci Balak, Miroslav Vukic</i>
09.00–09.15	Myxopapillary ependymoma: current practice and surgical strategy <i>Miroslav Vukic</i>
09.15–09.30	Management of giant pituitary adenomas <i>Claudius Thome</i>
09.30–09.45	Navigation-coupled imaging for surgery of paraspinal tumors <i>Thomas Kretschmer</i>
09.45–10.00	Endoscope-assisted glioma resection <i>Veit Rohde</i>
10.00–10.15	Global Neurosurgery – Bogota to Peshawar and Beyond <i>Tariq Khan</i>
10.15–10.30	Lobectomy in Managing Glioblastomas: Myths & Facts <i>Kostas Fountas</i>
10.30–10.45	Contemporary Vestibular Schwannoma Management Strategies <i>Hakan Emmez</i>
10.45–11.00	Complications Avoidance in the Era of Technological Advancement <i>Keki Turel</i>
11.00–11.15	Role of Endoscopic Third Ventriculostomy in Treatment of Posterior Fossa Tumors in Children <i>Nasser El Ghandour</i>
11.15–11.30	An unusual case of a giant craniopharyngioma extending into the anterior, middle, and posterior cranial fossae <i>Grigore Zapuhliu</i>
11.30–11.45	Long-term epilepsy-associated tumors <i>Nejat Akalan</i>
11.45–12.00	Global brain metastases management strategy <i>Vesna Nikolov</i>
12:00–12:30	Coffee break

Hall 1

Sunday, September **13th**, 2026

12.30–14.00	Young neurosurgeons' forum – Award session
14:00–14:15	Closing & award ceremony
14.15–16.00	Farewell cocktail <i>Venue: Nacionalna klasa, Address: Aleksandra Medvedeva 2a, 18000 Niš</i>



Hall 2

Sunday, September **13th, 2026**

12.30-14.00	Parallel session – Free topics 3
14:00-14:15	Closing & award ceremony
14.15-16.00	Farewell cocktail, <i>Venue: Nacionalna klasa, Address: Aleksandra Medvedeva 2a, 18000 Niš</i>

Hall 3

Sunday, September **13th**, 2026

12.30–14.00

Parallel session – Free topics 4

14:00–14:15

Closing & award ceremony

14.15–16.00

Farewell cocktail,

Venue: Nacionalna klasa, Address: Aleksandra Medvedeva 2a, 18000 Niš



Learning outcomes

At the end and during the Congress, participants should be able to:

Primary Brain Tumors: Modern Surgical Management

1. Evaluate contemporary surgical strategies for primary CNS tumors, including gliomas, meningiomas, pituitary tumors, ventricular tumors, and posterior fossa lesions.
2. Apply principles of maximal safe resection while preserving neurological function and quality of life.
3. Compare endoscopic, microsurgical, minimally invasive, and open approaches for selected primary brain tumors.
4. Assess surgical decision-making in tumors involving eloquent, deep-seated, ventricular, pineal, and brainstem regions.
5. Evaluate approaches for surgical management of fourth ventricular and pineal region tumors.
6. Assess surgical challenges associated with cavernous sinus, insular, and skull base lesions.
7. Compare operative strategies for giant pituitary adenomas and complex craniopharyngiomas.
8. Evaluate the role of embolization and vascular microsurgical techniques in complex neuro-oncological surgery.
9. Interpret indications for surgery in corpus callosum gliomas and other difficult-to-access lesions.
10. Identify strategies for reducing operative morbidity and improving postoperative outcomes in primary brain tumor surgery.

Molecular, Radiosurgical and Systemic Neuro-Oncology

1. Interpret the clinical relevance of molecular classification, biomarkers, liquid biopsy, and tumor biology in neuro-oncology.
2. Evaluate the role of systemic, biological, targeted, cellular, and vaccine-based therapies in CNS tumor management.
3. Assess indications for stereotactic radiosurgery, Gamma Knife radiosurgery, and advanced radiotherapy techniques.
4. Integrate molecular, radiological, surgical, and systemic treatment data into personalized treatment planning.
5. Critically appraise emerging precision-medicine approaches in gliomas and metastatic CNS disease.
6. Evaluate the role of molecular neurosurgery and stimulated Raman spectroscopy in intraoperative tumor characterization.
7. Assess current evidence supporting personalized tumor vaccines and cellular therapies in neuro-oncology.
8. Interpret advances in stem cells, exosomes, and microRNA-based neuro-oncological research.
9. Compare conventional whole-brain irradiation with stereotactic radiotherapy approaches for CNS metastases.
10. Evaluate current systemic treatment strategies for primary brain tumors and metastatic CNS disease.

High-Grade Gliomas: Multimodal Treatment Strategies

1. Evaluate current multimodal treatment strategies for high-grade gliomas and glioblastoma.
2. Apply evidence-based principles for surgical management of gliomas in eloquent and motor areas.
3. Assess the role of intraoperative ultrasound, multimodal imaging, and functional mapping in high-grade glioma surgery.



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4. Discuss the role of anti-seizure medication, systemic therapy, and emerging treatment strategies in glioblastoma care.
5. Analyze the balance between oncological benefit, functional boundaries, and real-world applicability of supramaximal or extended resections.
6. Evaluate changing paradigms in glioma surgery, including personalized and connectome-based approaches.
7. Assess the role of awake surgery and functional preservation in long-term glioma outcomes.
8. Interpret imaging and histological predictors relevant to glioma surgical planning.
9. Evaluate evidence regarding lobectomy and extended resections in glioblastoma management.
10. Discuss current challenges and future directions in treatment-resistant glioblastoma.

Brain Metastasis: Innovations, Surgical Indications and Techniques

1. Evaluate indications for surgery, radiosurgery, radiotherapy, intraoperative radiotherapy, and systemic therapy in brain metastases.
2. Apply multidisciplinary decision-making frameworks for patients with metastatic CNS disease.
3. Interpret prognostic factors, imaging findings, tumor biology, and clinical course in treatment planning for brain metastases.
4. Assess current evidence for systemic treatment of breast cancer brain metastases, including HER2-positive disease.
5. Compare conventional whole-brain radiotherapy and stereotactic techniques in the treatment of CNS metastases.
6. Evaluate evolving surgical indications and management concepts for brain metastases.
7. Assess multimodal treatment strategies for cranial and spinal metastatic disease.
8. Discuss approaches for management of metastatic spinal pain and neurological compromise.
9. Evaluate antiepileptic treatment considerations in patients with metastatic brain tumors.
10. Assess patient-centered and quality-of-life considerations in metastatic CNS disease management.

Skull Base and Complex Neuro-Oncologic Surgery

1. Evaluate contemporary surgical strategies for skull base tumors, chordomas, vestibular schwannomas, pituitary tumors, cavernous sinus tumors, and craniovertebral junction lesions.
2. Apply skull base neuroanatomy to optimize surgical approach selection and reduce morbidity.
3. Compare endoscopic, microsurgical, modular, and minimally invasive approaches in complex skull base neuro-oncology.
4. Assess strategies for balancing extent of resection with cranial nerve, vascular, and functional preservation.
5. Identify complication-avoidance and reconstructive principles in complex cranial and skull base tumor surgery.
6. Evaluate practical middle fossa skull base approaches, including petrosectomy and clinoidectomy techniques.
7. Assess management strategies for skull base and cervical paragangliomas.
8. Evaluate current approaches to vestibular schwannoma surgery following failed treatment.
9. Interpret surgical indications and reliability considerations for cavernous sinus tumors.
10. Assess postoperative complications associated with craniovertebral junction and skull base tumor surgery.
11. Evaluate management strategies for giant pituitary tumors and postoperative endocrine outcomes.
12. Compare approaches to chordomas of the skull base and craniovertebral junction.



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Advanced Imaging, Navigation, and Functional Mapping

1. Assess the role of neuronavigation, navigation-coupled imaging, real-time navigation, intraoperative ultrasound, confocal endoscopy, and fluorescence-based visualization in neuro-oncology.
2. Integrate functional mapping, nTMS, ECoG, electrophysiological monitoring, and connectome-based planning into surgical decision-making.
3. Evaluate advanced imaging techniques for tumor delineation, histological prediction, and functional risk assessment.
4. Apply imaging and mapping data to improve surgical precision and functional preservation.
5. Critically appraise digital and AI-supported technologies for operative planning, intraoperative guidance, and performance assessment.
6. Evaluate ultrasound-guided tumor resection techniques in malignant brain tumors.
7. Assess the role of stimulated Raman histology and spectroscopy in intraoperative diagnosis.
8. Compare transcortical and transsulcal approaches using anatomy-guided planning principles.
9. Evaluate navigation-assisted and endoscope-assisted techniques for spinal and cranial tumors.
10. Assess the contribution of multimodal imaging to prediction of histological and functional outcomes.
11. Interpret advances in mixed-reality simulation and AI-supported surgical monitoring technologies.
12. Evaluate the role of intraoperative imaging in minimizing surgical complications and improving resection quality.

Pediatric Neuro-Oncology

1. Differentiate pediatric from adult CNS tumors in terms of biology, treatment strategy, and clinical behavior.
2. Evaluate current approaches to pediatric craniopharyngiomas, spinal cord tumors, ependymomas, low-grade gliomas, medulloblastomas, and early childhood CNS tumors.
3. Interpret molecular-era concepts in pediatric neuro-oncology and their influence on treatment planning.
4. Assess the role of radiotherapy and multimodal therapy in pediatric brain tumors.
5. Identify age-specific surgical challenges and long-term functional considerations in pediatric neuro-oncological care.
6. Evaluate management strategies for congenital and infant CNS tumors.
7. Assess evolving treatment concepts in pediatric medulloblastoma and molecular subgroup-directed care.
8. Compare adult and pediatric craniopharyngiomas with regard to biology and surgical management.
9. Evaluate indications for endoscopic third ventriculostomy in pediatric posterior fossa tumors.
10. Assess long-term developmental and neurological outcomes in pediatric neuro-oncology patients.

Low-Grade Gliomas: Current Concepts and New Perspectives

1. Evaluate current concepts in the management of low-grade gliomas, including molecular classification and personalized surgical strategies.
2. Assess the role of awake surgery, connectome-based resection, and functional preservation in low-grade glioma treatment.
3. Interpret the clinical implications of IDH-mutant gliomas and emerging evidence from modern therapeutic studies.
4. Evaluate indications for radiosurgery and systemic or targeted approaches in selected low-grade glioma patients.
5. Discuss long-term survival, quality of life, and neurological outcome considerations in low-grade glioma management.



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6. Assess evolving surgical concepts aimed at maximizing extent of resection while preserving cognition and function.
7. Evaluate modern imaging and mapping strategies in individualized low-grade glioma surgery.
8. Discuss seizure management and epilepsy-associated considerations in low-grade glioma patients.

Spinal Oncology and Metastatic Spine Disease

1. Evaluate surgical approaches and management strategies for primary spinal tumors, spinal cord tumors, intradural extramedullary tumors, and metastatic spinal disease.
2. Compare minimally invasive and open approaches in spinal oncology.
3. Assess treatment strategies for spinal pain, spinal metastases, and metastatic instability.
4. Integrate neurological outcome, quality of life, and morbidity considerations into spinal oncology decision-making.
5. Discuss the role of navigation, imaging, intraoperative diagnosis, and combined treatment strategies in spinal tumor management.
6. Evaluate classification-based minimally invasive approaches to spinal canal pathologies.
7. Assess surgical planning strategies aimed at improving neurological and functional outcomes in spinal tumors.
8. Compare minimally invasive versus open surgery for intradural extramedullary lesions.
9. Evaluate multimodal treatment strategies for metastatic spinal disease.
10. Assess management dilemmas in tumors of the spinal column and craniovertebral junction.

Peripheral Nerve Tumors and Brachial Plexus Oncology

1. Evaluate multidisciplinary approaches to peripheral nerve tumors from surgical and oncological perspectives.
2. Assess imaging, surgical strategy, and functional outcome considerations in peripheral nervous system tumors.
3. Identify risks and prevention strategies related to malignant transformation in neurofibromatosis-related peripheral nerve tumors.
4. Apply function-preserving principles in the management of neurogenic tumors and complex nerve lesions.
5. Discuss lessons learned from surgical management of peripheral nerve tumors and their relevance to patient selection and counseling.
6. Evaluate management strategies for brachial plexus and peripheral nerve tumors in complex anatomical regions.
7. Assess long-term neurological and quality-of-life outcomes following peripheral nerve tumor surgery.
8. Interpret multidisciplinary treatment pathways integrating surgery, oncology, imaging, and rehabilitation for peripheral nerve tumors.

General Neurosurgery

1. Evaluate selected contemporary neurosurgical approaches relevant to neuro-oncology, including vascular microsurgery, cavernoma surgery, endoscopy, embolization, and complication avoidance.
2. Apply principles of perioperative risk assessment, including thromboembolic risk and neurological complication prevention.
3. Assess surgical decision-making in complex cranial, spinal, and posterior fossa lesions.
4. Interpret the relevance of general neurosurgical techniques to tumor-related pathology and rescue strategies.
5. Integrate patient safety and technological advancement into everyday neurosurgical practice.
6. Evaluate surgical approaches for cavernomas and brainstem vascular lesions.
7. Assess management of long-term epilepsy-associated tumors and tumor-related epilepsy.



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8. Evaluate complication-avoidance strategies in technologically advanced neurosurgery.
9. Discuss surgical management of unusual or giant cranial tumors extending across multiple compartments.
10. Assess the role of general neurosurgical principles in complex oncological reconstruction and rescue procedures.

Neurosurgical Education, Residency, and Gender Equality

1. Evaluate simulation-based and mixed-reality approaches for neurosurgical skills training.
2. Assess AI-based psychomotor monitoring, benchmarking, feedback, and certification in neurosurgical education.
3. Apply structured competency-based principles to resident education and surgical skill development.
4. Discuss educational needs and professional development pathways for young neurosurgeons.
5. Promote inclusive, equitable, and supportive learning environments in neurosurgical training and professional practice.
6. Evaluate objective methods for psychomotor skill assessment and performance tracking.
7. Assess the role of AI-supported educational technologies in modern neurosurgical training.
8. Interpret the value of hands-on workshops and microsurgical simulation in technical competency development.

Global Neurosurgery

1. Analyze global and regional disparities in neurosurgical and neuro-oncological care.
2. Evaluate models for developing neuro-oncology services in resource-variable settings.
3. Discuss global neurosurgery challenges and opportunities from Balkan and international perspectives.
4. Assess the role of registries, networks, and international collaboration in improving neurosurgical care.
5. Apply global health perspectives to local implementation of neuro-oncological innovations.
6. Evaluate organizational strategies for establishing sustainable neuro-oncology services.
7. Assess the contribution of international scientific cooperation to improving patient access and outcomes.
8. Interpret the role of digital neurosurgery and international data-sharing initiatives in global neuro-oncology practice.

Quality Improvement

1. Evaluate strategies for improving quality of care, safety, and outcomes in neuro-oncology.
2. Assess the role of registries, evidence generation, and outcome measurement in quality improvement.
3. Integrate quality-of-life, functional outcome, and survivorship measures into neuro-oncology practice.
4. Identify perioperative risks and system-level interventions to reduce morbidity and complications.
5. Apply multidisciplinary collaboration and patient-centered care principles to continuous improvement in neuro-oncological pathways.
6. Evaluate approaches for monitoring long-term oncological and functional outcomes after surgery.
7. Assess the role of technological innovation in improving surgical precision and reducing complications.
8. Interpret evidence supporting standardized treatment pathways and multidisciplinary management frameworks in neuro-oncology.



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