



SECOND ANNOUNCEMENT
& PRELIMINARY PROGRAM

5th ANNUAL MEETING of Serbian Neurosurgical Society

SNSS Annual meeting 2019 with international participation

EACME®
credits TBA
SHC
credits TBA

96th Anniversary
of Neurosurgery
in Serbia

81th Anniversary
of Clinic for
Neurosurgery,
Clinical center
of Serbia

35th Anniversary
of Department of
Neurosurgery, Clinical
center of Kragujevac

Joint Venture with
EANS Section for Vascular Neurosurgery
HUNGARIAN Neurosurgical Society and
JAPAN Neurosurgical Society,
Section for Vascular Neurosurgery



Organized by
Serbian Neurosurgical Society
in conjunction with
**Croatian Society for Cerebrovascular
and Endovascular Neurosurgery**



Joint meeting with
Southeast Europe Neurosurgical Society



NEUROVASCULAR SUPERSESSIONS:

Exo? Endo? Hybrid?
Quo vadis?

October 25th - 27th 2019
Kragujevac, Serbia

Venue: Hotel Sumarice, Kragujevac

www.vasculareuro.talkb2b.net



20 BEST
ABSTRACTS
GRANTS

Discounts
available for
EANS Individual
Members!

WELCOME ADDRESSES

Dear colleagues and friends,

It is my honor, privilege and pleasure to invite you to the upcoming **5th Annual Meeting of Serbian Neurosurgical Society** with international participation **“Neurovascular supersessions: Exo? Endo? Hybrid? Quo vadis?”** which will be held in **Kragujevac, Serbia, on October 25th-27th, 2019.**

We are pleased that the 5th Annual Meeting of Serbian Neurosurgical Society will be held as a joint venture with **EANS Section for Vascular Neurosurgery, Hungarian Neurosurgical Society** and **JAPAN Neurosurgical Society, Section for Vascular Neurosurgery**, in conjunction with **Croatian Society for Cerebrovascular and Endovascular Neurosurgery** and **Southeast Europe Neurosurgical Society.**

Cerebrovascular diseases represent the second most common cause of the mortality and morbidity. Vascular neurosurgery, as an area that includes surgical treatment of aneurysms, arteriovenous malformations (AVM), cavernous angiomas and other vascular pathological brain formations, requires a combination of decision making process, intensive care, microsurgical skills and advanced surgical technologies. Successful treatment of brain vascular anomalies has always been a challenging venture for which it is necessary to use a multidisciplinary approach and a multidisciplinary team of experts.

Serbian Neurosurgical Society is delighted that The Fifth Annual Meeting of Serbian Neurosurgical Society will feature renowned international and national experts from the field of vascular neurosurgery, who will gather

together in Kragujevac, in order to improve the quality of neurosurgical service and education today, for the sake of a better tomorrow.

Thereby we are also marking three important anniversaries 96 years since the founding of neurosurgery in Serbia, 81 years of the Clinic of Neurosurgery at the Clinical Center of Serbia and 35 years of the Department of Neurosurgery, Clinical Center of Kragujevac.

In many ways the city of Kragujevac can be called “the first in Serbia” - it was the first capital of the modern Serbian state and the first gymnasium and the lyceum, the forerunner of the University of Belgrade, were founded in this beautiful city, as well as the first court, theater, newspaper, pharmacy, picture gallery, museum and library.

The host city of Kragujevac is a significant economic, cultural, educational and health center of Sumadija and it is well known for its hospitality. I am confident that this event will open new perspectives and result in a memorable mind and soul enriching interprofessional and interpersonal exchange.

It is my great pleasure to invite you to share your expert opinions and perspectives and participate in this event.

Lukas Rasulic

**Prof. Dr
Lukas Rasulic**

Honorary President
of the Meeting
President of the SNSS
President of the SeENS



Dear colleagues and friends,

It is a pleasure and honor to welcome you to this joint **Neurovascular Session** within the **5th Annual Meeting** of our Serbian Neurosurgical friends. Lukas Rasulic has made a great effort to gather a renowned international faculty to discuss the presence and future of Neurovascular Surgery.

The topic is timely since Europe has to address important topics in this field.

Should Neurosurgeons engage into Endovascular therapies or should they leave the field to Interventionlists?

Which cases will remain for Open Microsurgery and how can we train the future generation?

What are the clinical and academic fields in the future where Neurovascular Surgeons should engage additional to the classic ones?

I am convinced that many of these questions will be addressed successfully and I sincerely hope to see you at this meeting.

**Prof. Dr.
Peter Vajkoczy**
Honorary President
of the Meeting
Chair of the EANS
Vascular Section



/ WELCOME ADDRESS TBA /

**Prof. dr
Andras Buki**
President of the
Hungarian
Neurosurgical
Society



Dear Colleague,

On behalf of Japanese Neurosurgical Society, it is a great honor for our team to join the meeting in Kragujevac, Serbia. Because of a good historical relationship between two countries, we would like to continue support for the every aspects of neurosurgery as we can.

In this time, our team, Japanese neurosurgeons, who consist of the majority of subspecialties willing to participate and gathering for a great neurosurgical meeting in Kragujevac.

The philosophy of joining is providing academic knowledge and principle technique to all participants. Demonstration of trip and technique from the masters will be the clue of improving the treatment outcome.

I hope this conference will succeed and welcome you all to attend in this conference. I am looking forward to seeing you all soon.

Prof. Dr. Yoko Kato

Professor and Chair, Department of Neurosurgery
Fujita Health University Banbuntane Hotokukai Hospital
Board of Directors, Japan Neurosurgical Society
Executive Board, WFNS Foundation
Chairman, WFNS Fund-Raising Committee
President, Asian Congress of Neurological Surgeons



Dear Colleagues,
Ladies and Gentlemen,

As the Honorary President of SouthEast Europe Neurosurgical Society and President of Croatian Society for Cerebrovascular and Endovascular Neurosurgery, it is my great pleasure and honor to announce and invite You to the **5th Annual meeting of the Serbian Neurosurgical Society with international participation and joint meeting “NEUROVASCULAR SUPERSESSIONS: Exo? Endo? Hybrid? Quo vadis?”** in conjunction with Croatian Society for Cerebrovascular and Endovascular Neurosurgery and joint meeting with the Southeast Europe Neurosurgical Society to be held in **Kragujevac, Serbia, on October 25-27, 2019.**

The Southeast Europe Neurosurgical Society (SeENS, www.seens.eu) has been founded in 2012. SeENS has succeeded to rebuilt liaisons and to make new once after a period of almost 20 years of poor communication between colleagues in the SE Europe region. Currently SeENS is gathering neurosurgeons from 14 countries of the Southeast Europe region.

Since 2012, when we were established, we are providing around 10 continuous medical education events in the Southeast Europe region per year.

The meeting in Kragujevac, organized by the Serbian neurosurgical society and Croatian Society for Cerebrovascular and Endovascular Neurosurgery represents a continuation of this good practice and result of the intensive collaboration between Serbian and Croatian neurosurgeons.

Concerning the attractiveness of vascular neurosurgery the list of the invited speakers at this Joint meeting is impressive and includes the EuroAsian and World's leading experts in the field of neurosurgery. Over 100 active participants are expected to attend the Joint meeting.

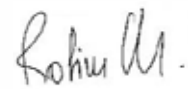
It is my great honor to invite You to participate at this Joint meeting, to discover and enjoy the beautiful city of Kragujevac and experience and share noteworthy scientific and social moments.

Sincerely,

Prof. Dr.

Kresimir Rotim

Honorary President
of the Meeting
Croatian Society for
Cerebrovascular
and Endovascular
Neurosurgery
President
SeENS Honorary
President



HONORARY PRESIDENTS OF THE MEETING



**Prof. Dr
Lukas Rasulic,
Serbia**
SNSS President
SEENS President



**Prof. Dr.
Peter Vajkoczy,
Germany**
Chair of the EANS
Vascular Section



**Prof. Dr.
Kresimir Rotim,
Croatia**
CSCEN President
SeENS Honorary
President

HONORARY COMMITTEE

Ass. Dr. Zlatibor Loncar

Minister of Health of the Republic of Serbia

Mr. Mladen Sarcevic

Minister of Education, Science and Technological
Development, Republic of Serbia

Mr. Tomislav Nikolic

former President of the Republic of Serbia
The National Council for Coordination of Cooperation with the
Russian Federation and the People's Republic of China, President

Prof. Dr. Nenad Filipovic

Rector, University of Kragujevac, Serbia

Prof. Dr. Vladimir Jakovljevic

Dean, Faculty of Medical Sciences, University of Kragujevac, Serbia

Prof. Dr. Predrag Sazdanovic

Director, Clinical Center of Kragujevac

Mr. Radomir Nikolic

Mayor of Kragujevac

ORGANIZING COMMITTEE



Doc. dr Radivoje Nikolic, President



Dr Milorad Veljkovic



Dr Ljubomir Krstic



Ass. dr Miodrag Peulic



Prof. dr Milan Mijailovic



Dr Milan Todosijevic



Dr Vojin Kovacevic



Dr Marko Petrovic



Prof. Dr Petar Vulekovic



Prof. Dr Nebojsa Stojanovic



Doc. Dr Ljubodrag Minic



Doc. Dr Milan Spaic



Ass. Dr Vojislav Bogosavljevic



Dr Andrija Savic



Dr Milan Lepic



Dr Jagos Golubovic



Dr Mladen Karan



Dr Filip Vitosevic



Dr Domagoj Gajski



Dr Ante Rotim



Dr Nemanja Jovanovic



Dr Zarko Petrovic



Dr Marko Gregovic



Dr Dragoslav Nestorovic



Dr Filip Vrban



Dr Nikola
Repac



Dr Aleksandar
Janicijevic



Dr Mirko
Micovic



Dr Luka
Berilazic

SCIENTIFIC COMMITTEE



**Prof. Dr
Goran Tasic**

Co-chairman of the
Scientific Committee



**Dr Svetlana
Milosevic Medenica**

Co-chairman of the
Scientific Committee



**Doc. Dr
Djula Djilvesi**

Co-chairman of the
Scientific Committee



**Prof. Dr
Ioan Stefan Florian**



**Prof. Dr
Aleksandros Andreou**



**Doc. Dr
Tomislav Sajko**



**Prof. Dr
Miodrag Rakic**



**Prof. Dr
Miroslav Samardzic**



**Prof. Dr
Ihsan Solaroglu**



**Prof. Dr
Vaso Antunovic**



**Prof. dr
Snezana Lukic**



**Dr Ivan
Vukasinovic**



**Dr Vladimir
Kalousek**



**Dr Ibrahim
Omerhodzic**

FACULTY ENROLLED SO FAR

Alimehmeti Ridvan, Albania
Andreou Alexandros, Greece
Andjelic Dragan, Serbia
Arnautovic Kenan, USA
Arthur Adam, USA
Auslands Kaspars, Latvia
Baltsavias Gerasimos, Germany
Banczerowski Peter, Hungary
Bascarevic Vladimir, Serbia
Bhatoe Harjinder, India
Bilinger Burcak, Turkey
Bogosavljevic Vojislav, Serbia
Bosnjak Roman, Slovenia
Brigante Luciano, Italy
Broekman Marike, Netherlands
Bunc Gorazd, Slovenia
Camarata Paul, USA
Caparoski Aleksandar, North Macedonia
Cenzato Marco, Italy
Cerejo Antonio, Portugal
Charbel Fady, USA
Chudy Darko, Croatia
Cinara Ilijas, Serbia
Ciurea Alexandru Vlad, Romania
Cohen Jose, Israel
David Carlos, USA
Davidovic Lazar, Serbia
Demetriades Andreas, UK
Destrieux Christophe, France
DiMeco Francesco, Italy
Dolenc Vinko, Slovenia
Dubovoy Andrey, Russia
Djilvesi Djula, Serbia
Djuraskovic Slavko, Montenegro
Djurovic Branko, Serbia
Eliava Shalva, Russia
Emmez Hakan, Turkey
Enchev Yavor, Bulgaria
Ercegovac Marko, Serbia
Feldman Zeev, Israel
Feng Ling, China
Ferraresi Stefano, Italy
Filipce Venko, North Macedonia
Florian Ioan Stefan, Romania
Fontanella Marco, Italy
Froglou Nicolas, Greece
Fountas Konstantinos, Greece
Freyschlag Christian, Austria
Gabrovsky Nikolay, Bulgaria
Gerganov Venelin, Germany
Gruber Andreas, Austria
Grujicic Danica, Serbia
Hanggi Daniel, Germany
Hernesniemi Juha, Finland
Hoit Daniel, USA
Ichinose Tsutomu, Japan
Iliescu Bogdan Florin, Romania
Ivanov Marcel, UK
Izumo Tsuyoshi, Japan
Jaskolski Dariusz, Poland
Jokovic Milos, Serbia
Jovanovic Vladimir, Serbia
Kalousek Vladimir, Croatia

- Kasuya Hidetoshi, Japan
Kawashima Akitsugu, Japan
Kiris Talat, Turkey
Koga Sebastian, USA
Konovalov Nikolay, Russia
Kovacevic Vojin, Serbia
Kurita Hiroki, Japan
Kutin Maxim, Russia
Laakso Aki, Finland
Lakicevic Novak, Montenegro
Langer David, USA
Lehecka Martin, Finland
Lovric Dimitrij, Slovenia
Lubrano Vincent, France
Lukic Snezana, Serbia
Maldonado Igor, France
Masotto Barbara, Italy
Mathiesen Tiit, Denmark
Matos Bostjan, Slovenia
Matsuno Akira, Japan
Meling Torstein, Norway/
Switzerland
Mijailovic Milan, Serbia
Mijalovic Radovan, Serbia
Milakovic Branko, Serbia
Milivojevic Natasa, Slovenia
Milosevic Zoran, Slovenia
Milosevic Medenica Svetlana, Serbia
Minic Ljubodrag, Serbia
Misra Basant, India
Miyake Keisuke, Japan
Morioka Motohiro, Japan
Nakatomi Hirofumi, Japan
Netuka David, Czech Republic
Niiya Yoshimasa, Japan
Nikolic Radivoje, Serbia
Nikolov Vesna, Serbia
Novak Laslo, Hungary
Oigawa Hidetoshi, Japan
Olldashi Fatos, Albania
Omerhodzic Ibrahim,
Bosnia&Herzegovina
Orlov Kiril, Russia
Ozduman Koray, Turkey
Papanastassiou Vakis, Cyprus
Pacic Vladimir, Serbia
Paterno Vincenzo, Germany
Pavlicevic Goran, Serbia
Peker Selcuk, Turkey
Petrela Mentor, Albania
Peulic Miodrag, Serbia
Ples Horia, Romania
Poeata Ion, Romania
Prestigiacomo Charles, USA
Prestor Borut, Slovenia
Proust François, France
Raco Antonino, Italy
Radak Djordje, Serbia
Radovanovic Ivan, Canada
Radulovic Danilo, Serbia
Rakic Miodrag, Serbia
Rasulic Lukas, Serbia
Regis Jean, France
Regli Luca, Switzerland
Reinert Michail, Switzerland
Ringel Florian, Germany
Ristic Sasa, Serbia
Roche Pierre-Hugues, France
Rocka Saulius, Lithuania
Rohde Veit, Germany

Roitberg Ben, USA
Rotim Kresimir, Croatia
Sajko Tomislav, Croatia
Sames Martin, Czech Republic
Samii Amir, Germany
Sampron Nicolas, Spain
Samy Youssef, USA
Sanada Yasuhiro, Japan
Savic Milan, Serbia
Shucht Philippe, Switzerland
Seifert Volker, Germany
Selviaridis Panagiotis, Greece
Shoshan Yigal, Israel
Sipos Laszlo, Hungary
Skjoeth-Rasmussen Jane, Denmark
Smolanka Volodymyr, Ukraine
Solaroglu Ihsan, Turkey
Spaic Milan, Serbia
Spektor Sergey, Israel
Splavski Bruno, Croatia
Stefanovic Ivan, Serbia
Stieg Philip, USA
Stojanov Dragan, Serbia
Stojanovic Nebojsa, Serbia
Strojnjk Tadej, Slovenia
Szikora Istvan, Hungary
Stebalj Simona, Slovenia
Tanikawa Rokuya, Japan
Tasic Goran, Serbia
Tasiou Anastasia, Greece
Tekavcic Igor, Slovenia
Thome Claudius, Austria
Thompson Greg, USA
Tisell Magnus, Sweden
Tomasello Francesco, Italy
Tomasovic Sanja, Croatia
Tu Yong Kwang, Taiwan
Ture Ugur, Turkey
Uff Chris, UK
Uno Masaaki, Japan
Usachev Dmitry, Russia
Vajkoczy Peter, Germany
Valavanis Anton, Switzerland
van der Zwan Bart, Netherlands
Van Roost Dirk, Belgium
Vasily Lukshin, Russia
Velinov Nikolay, Bulgaria
Velnar Tomaz, Slovenia
Vorsic Matjaz, Slovenia
Vrabec Matej, Slovenia
Vujotic Ljiljana, Serbia
Vukasinovic Ivan, Serbia
Vukic Miroslav, Croatia
Vulekovic Petar, Serbia
Walsh Daniel, UK
Watts Colin, UK
Yakovloev Sergey, Russia
Yoshimura Shinichio, Japan
Zivanovic Zeljko, Serbia

NEUROVASCULAR SUPERSESSIONS: Exo? Endo? Hybrid? Quo vadis?

MAIN SCIENTIFIC PROGRAM Pros and Cons

Non ruptured aneurysms

- Natural history
- Surgery
- Endovascular procedure

Giant and large aneurysms - anterior circulation:

- Surgery
- Endovascular techniques
- By-pass surgical techniques

Giant and large aneurysms - posterior circulation:

- Surgery
- Endovascular techniques
- By-pass surgical techniques

MCA aneurysms:

- Non ruptured
- Bleeding
- Microsurgical vs. endovascular treatment

Dural AVFs:

- embolization
- surgery

Cerebral AVM

- Non ruptured
- Bleeding
- Symptomatic
- Asymptomatic
- Surgery
- Endovascular procedure
- Radiosurgery

BRAIN CAVERNOMAS

Brain Cavernomas in eloquent region

- Non ruptured
- Bleeding
- Natural history vs. surgery vs. radiosurgery

Stroke

- Treatment acute vs. delayed

Carotid surgery

- Exo
- Endo
- Hybrid

Quality of life

PRELIMINARY PROGRAM DRAFT

Thursday, October 24th 2019

Faculty of Medicine, University of Kragujevac

Registration

Room 1

09:00-16:00 NEUROVASCULAR SURGICAL ANATOMY WORKSHOP

- 08:50-09:00 Introduction
- 09:00-09:30 Skull base anatomy
- 09:30-09:45 ICA anatomy
- 09:45-10:00 MCA anatomy
- 10:00-10:15 ACA anatomy
- 10:15-10:30 VA anatomy
- 10:30-10:45 BA anatomy
- 10:45-11:00 PCA anatomy
- 11:00-11:30 Coffee break
- 11:30-11:45 Superficial venous anatomy
- 11:45-12:00 Deep venous anatomy
- 12:15-12:30 Venous sinus anatomy
- 12:30-12:45 Cavernous sinus anatomy
- 12:45-13:15 Cisternal anatomy
- 13:15-13:45 Coffee break
- 13:45-14:30 Anterior fossa vascular approaches
- 14:15-15:00 Middle fossa vascular approaches
- 15:00-15:45 Posterior fossa vascular approaches
- 15:45-16:00 Closing remarks

Faculty of Medicine, University of Kragujevac

19:30-20:30 OPENING CEREMONY

Restaurant Kafana Balkan, Kragujevac

21:00-23:00 WELCOME RECEPTION

Room 2

09:00-16:00 INTERVENTIONAL RADIOLOGY SIMULATORS WORKSHOP / TBA /

Friday, October 25th 2019

Hotel Šumarice, Kragujevac

Registration

Hall 1

07:50-08:00 **Opening remarks**

08:00-10:00 MULTIMODAL EXPERT FORUM 1

Chairs: Lukas Rasulic, Kresimir Rotim

08:00-08:15 **AVM surgery**

Fady Charbel

08:15-08:30 **ICA blister aneurysms**

Thorsten Meiling

08:30-08:45 **Neurosurgical treatment of ACM aneurysms**

Krešimir Rotim

08:45-09:00 **Hybrid surgery for aneurysms**

Alexandros Andreou

09:00-09:15 **From packing the cavity to changing the flow:
a 12 years clinical experience with flow diverter
technology**

Istvan Szikora

09:15-09:30 **Trapping with bypass for ICA blister aneurysms**

Kawashima Akitsugu

09:30-09:45 **Role of EBM in neurovascular surgery: Publications**

Ben Roitberg

09:45-10:00 **Extradural selective anterior clinoidectomy for
IC paraclinoid aneurysms**

Kasuya Hidetoshi

10:00-10:15 Coffee break

10:15-11:45 **EXO VS. ENDO VS. HYBRID DISCUSSION - ANTERIOR CIRCULATION ANEURYSMS**

Chairs: Goran Tasic, Zoran Milosevic

10:15-10:30 **Advanced intraoperative CBF manipulation during surgery of complex intracranial aneurysms**

Volker Seifert

10:30-10:45 **Anterior brain circulation aneurysm surgery - single center experience**

Goran Tasic, Serbia

10:45-11:00 **ICA region approaches**

Petar Vuleković

11:00-11:15 **Anterior circulation nuances in temporal clipping**

Tomislav Sajko

11:15-11:30 **Perforating arteries of brain**

Luciano Brigante

11:30-11:45 **Pretemporal transcavernous skull base approach to circle of Willis aneurysms**

Kenan Arnautovic

11:45-12:00 Discussion

12:00-13:30 **STROKE SYMPOSIA**

Chairs: Gerasimos Baltsavias, Vladimir Kalousek

12:00-12:15 **Surgical management of spontaneous intracerebral haemorrhage: why and when?**

Vladimir Bascarevic

12:15-12:30 **Frontline of acute stroke intervention**

Yoshimura Shinichio

12:30-12:45 **The role of neurosurgeon in the stroke treatment**

Matjaz Vorsic

12:45-13:00 **The clinical significance of the scale in the assesment of outcome after intracerebral haemorrhage**

Zeljko Zivanovic

13:00-13:15 **Endovascular treatment of acute ischemic stroke**

Gerasimos Baltsavias

13:15-13:30 Discussion

13:30-14:15 Lunch

14:15-15:45 HOW I DO IT SESSION

Chairs: Kasuya Hidetoshi, Djula Djilvesi

- 14:15-14:30 **Microsurgery of Very Large & Giant Posterior Circulatio Aneurysm**
Basant Misra
- 14:30-14:45 **From deep hypothermia and cardiac arrest to rapid ventricular pacing**
Volker Seifert
- 14:45-15:00 **Strategies in brain AVM endovascular treatment**
Gerasimos Baltasvias
- 15:00-15:15 **Vascular cases: how to move past a friendship fight and eat some “humble pie”**
Stefano Ferraresi
- 15:15-15:30 **Endovascular coil embolization of very small intracranial aneurysms**
Milan Mijailovic
- 15:30-15:45 **Spinal cord hemangioblastoma**
Vincenzo Paterno
- 15:45-16:00 Discussion
- 16:00-16:15 Coffee break

16:15-17:45 EXO VS. ENDO VS. HYBRID DISCUSSION - NEW FRONTIERS

Chairs: Petar Vulekovic, Vincenzo Paterno

- 16:15-16:30 **Role of training? Still a place for upcoming neurosurgeons**
Ihsan Solaroglu
- 16:30-16:45 **Management of vasospasm**
Konstantinos Fountas
- 16:45-17:00 **Brain aneurysms : surgery vs endovascular between common sense, economicity and opportunity**
Stefano Ferraresi
- 17:00-17:15 **Current Options and Development of Minimally Invasive Transcranial Approaches for Tumoral and Vascular Pathologies**
Ivan Radovanovic
- 17:15-17:30 **Hybrid OR, future of neurosurgery**
Zoran Milošević
- 17:30-17:45 Discussion

17:45-19:00	CAROTID SURGERY SYMPOSIA Chairs: Dmitry Usachev, Konstantinos Fountas
17:45-18:00	Sonobirdie trial- randomized study on sonolysis during carotid endarterectomy David Netuka
18:00-18:15	Surgical treatment for Cervical Carotid Artery Stenosis Niiya Yoshimasa
18:15-18:30	Surgery of non-atherosclerotic carotid lesions Usachev Dmitry
18:30-18:45	Surgical approaches to carotid artery: neurosurgical perspective Andreas Demetriades
18:45-19:00	Treatments of carotid/intracranial artery stenosis Yoshimura Shinichio
19:00-19:15	Improving safety in Carotis Endarterectomies Philippe Schucht
19:15-19:30	Karotida 2
19:30-19:45	Discussion
20:30-23:00	Serbian traditional dinner

Hall 2

- 10:00-10:15 Meet the expert coffee break / TBA /
- 12:00-13:30 **E-POSTER SESSION**
- 13:30-14:15 **LUNCHEON SESSION YNA**
Andreas Demetriades, Vincenzo Paterno, Djula Djilvesi
- 14:15-15:45 **RAPID CROSSFIRE SESSION 1**
Case presentation and expert discussion
- 16:15-17:45 **ORAL PRESENTATION 1 / TBA /**
- 17:45-19:00 **NEUROVASCULAR SUPERSESSION 1**
- 17:45-18:00 **Cavernous sinus approach, single center series**
Roman Bošnjak
- 18:00-18:15 **ACM: to clip or coil?**
Antonino Raco
- 18:15-18:30 **Surgical strategy for bilateral large vertebral artery dissecting aneurysms. Lessons from a case**
Sanada Yasuhiro
- 18:30-18:45 **Biology and Genetics of Human Brain Arteriovenous Malformations: A Path towards Targeted Therapies**
Ivan Radovanovic
- 18:45-19:00 **Impact of flow diverters on peri-aneurysmal flow: mechanical properties and flow effects by measurements and simulation**
Istvan Szikora
- 19:00-19:15 **Current concepts in multimodal aneurysm treatment**
Ljiljana Vujotic

LOBBY E-POSTER CORNER

Saturday, October 26th 2019

Hotel Šumarice, Kragujevac

Registration

Hall 1

- 08:30-10:00** **EXO VS. ENDO VS. HYBRID DISCUSSION - MCA ANEURYSMS**
Chairs: Peter Banczerowski, Svetlana Milosevic Medenica
- 08:30-08:45 **MCA endovascular vs surgical treatment**
Nikolay Velinov
- 08:45-09:00 **Neurosurgical management of ruptured MCA aneurysms**
Djula Djilvesi
- 09:00-09:15 **Indications for proper treatment selection of middle cerebral artery aneurysms: institutional experience**
Bruno Splavski
- 09:15-09:30 **Patients with ruptured MCA aneurysm and Hunt Hess ≥ 3**
Simona Steblaj
- 09:30-09:45 **Pediatric Intracranial MCA Aneurysms**
Alexadru Vlad-Ciurea
- 09:45-10:00 **MCA aneurysms treatment in 21st century**
Fady Charbel
- 10:00-10:15 Discussion
- 10:15-10:30 Coffee break
- 10:30-12:00** **HOW I DO IT SESSION**
Chairs: Alexandru Vlad Ciurea, Stefano Ferraresi
- 10:30-10:45 **Intramedullary cavernous malformations. Microneurosurgical treatment. How I do it.**
Marcel Ivanov
- 10:45-11:00 **Endovascular management of Vein of Galen aneurysm malformation- case reports and followup 7 Years**
Snezana Lukic

- 11:00-11:15 **Vein of Galen aneurismal malformations - Three cases report**
Matos Bostjan
- 11:15-11:30 **Skull base arteries dissection**
Daniel Walsh
- 11:30-11:45 **Cavernous sinus approaches**
Martin Sames
- 11:45-12:00 **Endovascular treatment options for unruptured and ruptured aneurysms**
Vladimir Kalousek

12:00-13:45 MULTIMODAL EXPERT FORUM 2

Chairs: Francesco Tomasello, Volker Seifert

- 12:00-12:15 **Tandem Fenestration of lamina terminalis and membrane of Lillequist during microsurgical clipping of anterior circulation aneurysms: Does it reduce shunt dependent hydrocephalus following SAH?**
Francesco Tomasello
- 12:15-12:30 **Progressive Foix-Alajouanine syndrome in case of tethered cord patient with complex spinal developmental disease**
Peter Banczerowski
- 12:30-12:45 **Unruptured aneurysms - still a good option**
Florian Ioan Stefan
- 12:45-13:00 **Efficacy of Preoperative Embolization with Onyx for Intracranial AVM Surgery From a Direct Surgeon's Point of View**
Izumo Tyoshi
- 13:00-13:15 **Treatment of a giant vertebral aneurysm with antegrade vascular reconstruction**
Sanada Yasuhiro
- 13:15-13:30 **Giant aneurysma management**
Peter Vajkoczy
- 13:30-13:45 Discussion
- 13:45-14:30 Lunch

14:30-15:45 **QUO VADIS? - BYPASS SUPERSESSION**

Chairs: Basant Misra, Hiroki Kurita

14:30-14:45 **Rationale for cerebral multibarrel revascularization**

Vasily Lukshin

14:45-15:00 **Parent artery occlusion under bypass protection for the management of complex intracranial aneurysms”**

Andreas Gruber

15:00-15:15 **Bypass Surgery for Blood Blister-like Aneurysms**

Niiya Yoshimasa

15:15-15:30 **Posterior fossa bypasses**

Peter Vajkoczy

15:30-15:45 Discussion

15:45-16:00 **EXO VS. ENDO VS. HYBRID DISCUSSION - POSTERIOR CIRCULATION ANEURYSMS**

Chairs: Torstein Meling, Nicolas Foroglou

15:45-16:00 **Hybrid surgery for large /giant basilar apex aneurysms: operative nuance**

Hiroki Kurita

16:00-16:15 **Microsurgery of Very Large & Giant Posterior Circulation Aneurysm**

Misra Basant

16:15-16:30 **The role of bypass in surgery of complex aneurysms (anterior and posterior circulation)**

Andrey Dubovoy

16:30-16:45 **Bypass surgery for aneurysms in posterior circulation**

Kawashima Akitsugu

16:45-17:00 **Management of dissecting and fusiform vertebral artery aneurysms involving the PICA origin**

Andreas Gruber

17:00-17:15 **Gamma Knife Treatment for Deep Seated AVM's**

Koray Ozduman

17:15-17:30 Discussion

17:30-19:15 **EXO VS. ENDO VS. HYBRID DISCUSSION - OUTCOME**

Chairs: Kenan Arnautovic, Ivan Radovanovic

17:30-17:45 **Surgical outcome in poor grading SAH patients**

Anastasia Tasiou

17:45-18:00 **Neurosurgical treatment for multiple aneurismatis**

Branko Djurovic

18:00-18:15 **Cognitive consequences after aneurysm treatment**

Spaic Milan

18:15-18:30 **Long term cognitive outcome after ruptured aneurysm clipping**

Vladimir Papic

18:30-18:45 **The Influence of Intraoperative Rupture of Cerebral Aneurysms on the Outcome of Microsurgical Intervention**

Novak Lakicevic

18:45-19:00 **Early management of ruptured intracranial aneurysms**

Slavko Djuraskovic

19:00-19:15 Discussion

Sports hall

19:30-20:30 Sports tournament

Hall 1

20:30-23:00 Social dinner

Hall 2

10:15-10:30 Meet the expert coffee break / TBA /

12:00-13:45 **RAPID CROSSFIRE SESSION 1**
Case presentation and expert discussion

12:00-13:45 **E-POSTER SESSION**

13:15-13:30 **LUNCHEON SYMPOSIA / TBA /**

14:30-15:45 STROKE SYMPOSIA
Chairs: Sanja Tomasovic, Natasa Milivojevic

14:30-14:45 **Anticoagulant-associated intracerebral haemorrhage from neurosurgical point of view**
Vladimir Baščarević

14:45-15:00 **Indications for surgery and surgical strategies for spontaneous intracerebral hemorrhage**
Vojin Kovačević

15:00-15:15 **Malignant middle cerebral artery (MCA) infarction and decompressive hemicraniectomy- to do or not to do?**
Natasa Milivojevic

15:15-15:30 **Mechanical trombectomy in stroke our experience**
Vladimir Kalousek

15:30-15:45 **Surgical treatment of malignant mca stroke - when to and when not to operate**
Christian Freyshlag

15:45-16:00 **NEUROVASCULAR SUPERSESSION 2**

15:45-16:00 **CEA: how to do it**
Philippe Schucht

16:00-16:15 **Origin of Sylvian hematoma**
Kasuya Hidetoshi

16:15-16:30 **Surgical Management of Complex Aneurysms using Skull Base Techniques**
Izumo Tsuyoshi

16:30-16:45 **MCA aneurysm: Proximal or distal?**
Vojislav Bogosavljević

- 16:45-17:00 **Multimodal surgical approaches for brachiocephalic lesions**
Usachev Dmitry
- 17:00-17:15 **Surgical practice in tertiary care centre for vascular lesions**
Danilo Radulovic
- 17:15-17:30 **Single centre experience in ICU aneurysm treatment**
Miodrag Peulic
- 17:30-19:15 **ORAL PRESENTATIONS 2 TBA**

Sunday, October 27th 2019

Hotel Šumarice, Kragujevac

Registration

Hall 2

08:30-10:00 EXO VS. ENDO VS. HYBRID DISCUSSION - AVM

Chairs: Ioan Stefan Florian, Marco Cenzato

08:30-08:45 **Treatment of spinal dural AV fistulas: surgery vs embolization**

Miroslav Vukic

08:45-09:00 **Endovascular treatment of spinal dural AVFs: possibilities and limits**

Ivan Vukasinovic

09:00-09:15 **Dural AVF's - a case study**

Sanja Tomasovic

09:15-09:30 **Unruptured AVMs**

Mario Cenzato

09:30-09:45 **Natural history of brain AVMs**

Aki Laakso

09:45-10:00 **The importance of Telestroke network in swift treatment of ruptured AVMs**

Tomaz Velnar

10:00-10:15 Discussion

10:15-10:30 Coffee break

10:30-12:15 EXO VS. ENDO VS. HYBRID DISCUSSION CAVERNOMA

Chairs: Miroslav Vukic, Ihsan Solaroglu

10:30-10:45 **MR imaging and follow-up of cavernomas**

Matej Vrabec

10:45-11:00 **Brainstem cavernomas**

Marco Cenzato

11:00-11:15 **Surgical treatment of cavernomas**

Nicolas Foroglu

11:15-11:30 **Brainstem cavernomas**

Barbara Masoto

- 11:30-11:45 **Radiosurgery for brainstem cavernomas**
Selcuk Peker
- 11:45-12:00 **Cerebral Cavernomas a new grading scale for surgical decision-making**
Marco Fontanela
- 12:00-12:15 Discussion
- 12:15-13:30 MULTIMODAL EXPERT FORUM 3**
Chairs: Torstein Meling, Lukas Rasulic
- 12:15-12:30 **Mathematical modeling of aneurysms**
Charles J. Prestigiacomo
- 12:30-12:45 **New endovascular aneurysm treatment**
Daniel Hoit
- 12:45-13:00 **Application of bypass technique for complex intracranial aneurysms**
Kurita Hiroki
- 13:00-13:15 **Approaches to treating complicated aneurysms**
Laszlo Szapos
- 13:15-13:30 **Flow diverting stents in endovascular treatment of large, giant and fusiform aneurysms: breaking limitations of endovascular repair**
Svetlana Milosevic-Medenica
- 13:30-13:45 **Hybrid cerebrovascular surgery in 21th century - Quo vadis?**
Torstein Meling
- 13:45-14:00 Closing and awards ceremony**

LOBBY E-POSTER CORNER

- 10:00-10:15 Meet the expert coffee break / TBA /
- 12:15-13:30 E-poster session

SOCIAL PROGRAM

Opening ceremony

Thursday, October 24th 2019

19.30

Faculty of Medical Science,
University of Kragujevac

Welcome Reception

Thursday, October 24th, 2019

20.30

Venue: Restaurant Balkan
(walking distance from Faculty of Medical Science)

Serbian Traditional Dinner

Friday, October 25th, 2019

21.00

Venue: TBA

Social Dinner

Saturday, October 26th, 2019

21.00

Venue: Hotel Sumarice, Kragujevac

HOST CITY Kragujevac, Serbia



The location of the City of Kragujevac and its vicinity was settled in prehistoric times as demonstrated by numerous objects and archaeological monuments.

Kragujevac was first mentioned in 1476, after the fall under Turkish rule, in the Tapu-Defter. It consisted of a public square built in a settlement with 32 houses. From that time on it was desolated like all of Sumadija. Kragujevac was revived in the second half 15th century when Turks erected a new settlement on the left bank of the river Lepenica.

Kragujevac began to prosper in 1818 when it was proclaimed the capital of the new Serbian State on May 6th, St. George's Day. Because of its favorable central geographical position, nationally homogeneous population, unlike Belgrade which had a heavy Turkish population, Prince Milos chose Kragujevac to become the center of the state.

When the capital was moved to Belgrade in 1841, a period of stagnation in Kragujevac began. Between the two World Wars, the development of a military industry impacted the spatial development of Kragujevac. During World War II, Kragujevac was exposed to devastation. One of the gravest tragedies was a mass killing of the civilian population, including 300 pupils of the grammar school on October 21, 1941.

Despite all the hardships it faced, Kragujevac and its citizens always maintained hope for the future.

Today, Kragujevac is a city with an infrastructure, a geostrategic position and an available labor force that can guarantee successful business development. Along with two centuries of industrial tradition, Kragujevac is recognized for its openness to new ideas, educated young population, and its experienced, productive work force.

HOTEL ACCOMMODATION

Meeting venue: Hotel Sumarice

Desankin venac bb
34000 Kragujevac, Srbija



Hotel Zelengora

Branka Radicevica 22
34000 Kragujevac, Serbia



CALL FOR ABSTRACTS

You are kindly invited to submit your abstract for the “Neurovascular supersessions: Exo? Endo? Hybrid? Quo vadis?”, either for oral or poster presentation. Abstract(s) should be submitted on line on the web site www.vascularneuro@talkb2b.net. Authors are invited to submit abstracts in the following categories:

- **Non ruptured aneurysms**
- **Giant and large aneurysms - anterior circulation:**
- **Giant and large aneurysms - posterior circulation:**
- **MCA aneurysms:**
- **Dural AVFs**
- **Cerebral AVM**
- **Brain cavernomas**
- **Carotid surgery**
- **Quality of life**

Detailed list of topics is available at

[http://www.vascularneuro.talkb2b.net/page/39/
PROS+AND+CONS](http://www.vascularneuro.talkb2b.net/page/39/PROS+AND+CONS)

The abstract should be submitted by August 31st, 2019

All abstracts will be reviewed. Accepted abstracts will be published in the Abstract Book.

Carefully read the guidelines before submitting your abstract. Acknowledgement of receipt of your submission will be returned to your e-mail address. Please note, that acknowledgement of receipt of your abstract submission does not mean that your abstract is accepted by the Scientific Committee.

SUBMISSION GUIDELINES

- Abstracts must be submitted in English.
- Titles should contain no more than 200 characters.
- Abstract text should contain no more than 500 words.
- Use standard abbreviations. Place a special or unusual abbreviation in parenthesis after the full word when it appears for the first time.
- Abstracts must be written in comprehensible English and must conform to the guidelines or they will not be accepted. It is the author's responsibility to submit a correct abstract.
- Any tables, graphs or diagrams should be upload together with the abstract.
- The organizers of this event take no responsibility for any published abstracts submitted. Any issues or errors arising from the abstracts are solely the responsibility of the authors.
- Changes to abstract can only be accepted until the deadline
- By submitting his / her / their work, the Author(s) consent to the publication of the abstract and transfer and assign to the Congress organizers the rights to edit, publish, reproduce, distribute copies and to prepare derivative works such as press releases. Author(s) represent and warrants that he / she / they is / are sole author(s) of the work, that all authors have participated in and agree with the content and conclusions of the work, and that the work is original and does not infringe upon any copyright, proprietary or personal right of any third party. If the work is not original, author(s) should reference original source and ensure all relevant permission and / or authorization to re-use have been obtained

NOTIFICATION OF ACCEPTANCE

- Upon submission, you will receive an acknowledgement email notifying that your abstract has been received.
- Once the Abstract Submission closes, all abstracts will be reviewed by the Scientific Committee. The Scientific Committee reserves the right to select the abstracts relevant to the sessions and decide on the final form of presentation.
- Notification of acceptance/rejection will be e-mailed to you no later than **September 15th, 2019**. (contact Scientific Committee if you have not received your notification e-mail by September 15th, 2019).
- If the abstract is accepted, applicant **MUST** register and pay registration fee.
- All successfully accepted abstract submitters must present their abstract in the form of Oral or Poster Presentation during the Congress.
- The corresponding author will receive any correspondence concerning the abstract.

For any inquiries, please contact the Scientific Committee at
abstractvascularneuro@snss.org.rs

REGISTRATION FEE

Category	Early Registration	Late Registration	Onsite Registration
Faculty	-	-	-
Specialist	EUR 70,00	EUR 100,00	EUR 100,00
Residents	EUR 50,00	EUR 50,00	EUR 50,00
Medical students	EUR 0,00	EUR 0,00	EUR 0,00
Retired	EUR 0,00	EUR 0,00	EUR 0,00
One day registration	-	-	EUR 70,00

* 10% discount for individual members of EANS

**According to the decision of the Scientific Committee,
20 best oral presentations will be awarded with
FREE REGISTRATION AND ACCOMMODATION.**

Early registration until August 31st, 2019

Late registration from September 1st until October 10th, 2019

Online registration form will be available soon

REGISTRATION FEES INCLUDE:

Full access to all scientific program for 2 days of the Meeting,
Meeting material and Social Program

REGISTRATION CANCELLATION TERMS:

- Requests for registration cancellation must be submitted in writing to the Meeting Secretariat at vascularneuro@snss.org.rs
- For cancellations received until August 31st, 2019 refund of registration fees will be 100%.
- For cancellations received until September 25th, 2019 refund of registration fees will be 50%.
- After that date the registration fee will not be refunded.
- Please note that registration refunds will be processed within 30 days after the end of Congress, bank charges will be deducted from the refund.
- If no refund is required but a change in participant registration is needed, then the Secretariat must be informed in writing via email to vascularneuro@snss.org.rs

TERMS AND CONDITIONS

REGISTRATION

Registration will be confirmed after receiving full payment. Those who do not receive a confirmation notice before the Meeting, are requested to contact the Meeting Secretariat at office@snss.org.rs or vascularneuro@snss.org.rs.

Only participants who complete their registration will be able to participate in the scientific and/or social programme.

All registered Meeting attendees will be emailed confirmations. Print your confirmation letter and bring it with you on the day of the conference for a smooth registration process.

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be issued to all delegates. The Meeting will be accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) and Serbian Health Council. Each participant will claim only those hours of credit that he/she actually spent in the educational activity.

REGISTRATION CANCELLATION TERMS

Requests for registration cancellation must be submitted in writing to the Secretariat at office@snss.org.rs or vascularneuro@snss.org.rs

- For cancellations received until **August 31st, 2019** refund of registration fees will be 100%.
- For cancellations received until **September 25th, 2019** refund of registration fees will be 50%.
- After that , from **September 26th, 2019** the registration fee will not be refunded.

Please note that registration refunds will be processed within 30 days after the end of Congress, bank charges will be deducted from the refund.

If no refund is required but a change in participant registration is needed, then the Secretariat must be informed in writing via email to office@snss.org.rs or vascularneuro@snss.org.rs.

GENERAL TERMS OF PAYMENT

Only participants who complete their registration will be able to participate in the scientific and/or social programme.

The date of payment is decisive for the registration fee. Even if the registration form is received before the early bird or regular deadline, it will not be considered as early or regular registration if the payment has not been received before the deadlines.

Registration will only be valid upon receipt of the full payment by the registration department according to the deadline indicated. An email confirming registration will only be sent after receipt of the required fees.

Outstanding payments will be collected on-site and charged as the on-site rate.

Basic information of company:

Ultra Marine doo

Address: Stevana Sremca 3, Beograd

Identification number: 21304158

VAT: 110134309

Phone: +381 11 3348158, 3348255, 3349451

E mail: office@ultramarine.rs



CONTACT

SERBIAN NEUROSURGICAL SOCIETY

Street: Pasterova 2
ZIP code: 11000
City: Belgrade
Country: Serbia
e-mail: vascularneuro@snss.org.rs
office@snss.org.rs



SNSS & SeENS

Technical support and organization

ULTRA MARINE D.O.O

Phone: +381.11.334.81.58
Fax: +381.11.334.82.55
+381.11.334.94.51
e-mail: vascularneuro@snss.org.rs
office@ultramarine.rs

The logo for ULTRA marine is contained within a white oval. The word "ULTRA" is written in a large, bold, blue sans-serif font, and "marine:" is written below it in a smaller, blue sans-serif font. The background of the oval is white, and the overall design is clean and professional.