Thursday, 4th October 2018

12.00  Registration
13.00-18.00  Premeeting Course - Spinal Instrumentation and Navigation
20.00-22.00  Welcome faculty reception, Hotel “Tami Residence”

Friday, 5th October 2018

07.30  Registration

OPENING CEREMONY

08.00-09.00  Welcome Addresses
• Prof. Dr Lukas Rasulic, Honorary President of the Congress, SNSS President, SeENS President
• Ministry of Health of Republic of Serbia - TBA
• Prof. Dr Nikolay Konovalov, Honorary President of the Congress
• Prof. Dr Alexander Konovalov, President of the Association of Neurosurgeons of Russia
• Prof. Dr Mehmet Zileli, Chairman of the WFNS Spine Committee
• Prof. Dr Artem Gushcha, President of the Association of Spinal Surgeons of Russia
• Prof. Dr Kresimir Rotim, Honorary President, President of the Croatian Society for Spine Surgery
• Serbian Academy of Sciences and Arts - TBA
• Prof. Dr Dragan Antic, Rector of the University of Nis
• Prof. Dr Dobrila Stankovic Djordjevic, Dean of the Faculty of Medicine, University of Nis
• Prof. Dr Zoran Radovanovic, Director of the Clinical Center of Nis
• Prof. Dr Nebojsa Stojanovic, President of the International Organizing Committee
• Darko Bulatovic, Mayor of Nis

09.00-09.30  SNSS Tribute: Professor MILIVOJE KOSTIC LECTURE 1
Where Will We Be Tomorrow: The Future of Minimally Invasive Surgery
Kevin Foley, USA
INTRO Lukas Rasulic

09.30-10.00  SNSS Tribute: Professor MADJID SAMII LECTURE
Problems and Solutions in Geriatric Spine Surgery
Mehmet Zileli, Turkey
INTRO Lukas Rasulic

10.00-10.20  Coffee break
### PLENARY SESSION 1
Moderators: Lukas Rasulic, Nikolay Konovalov, Kresimir Rotim

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<tr>
<td>10.20-10.40</td>
<td>Surgical Management of Craniocervical Lesions</td>
<td>Madjid Samii</td>
<td>Germany</td>
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<tr>
<td>10.40-11.00</td>
<td>Modern Aspects of Minimally Invasive Spinal Surgery</td>
<td>Nikolay Konovalov</td>
<td>Russia</td>
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<td>11.00-11.20</td>
<td>New Concept in Treatment of Growing Spine Deformities</td>
<td>Frederick Boop</td>
<td>USA</td>
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<td>11.20-11.40</td>
<td>Spinal Surgery in Russia - Trends, Highlights, Outstanding Issues</td>
<td>Artem Gushcha</td>
<td>Russia</td>
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<td>11.40-12.00</td>
<td>Spine Surgery Today: Over Indication?</td>
<td>Francesco Tomasello</td>
<td>Italy</td>
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### MAIN SCIENTIFIC SESSION 1: DEGENERATIVE SPINE
Moderators: Frederick Boop, Mehmet Zileli, Artem Gushcha

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<td>12.00-12.15</td>
<td>KEY NOTE LECTURE</td>
<td>A Randomized, Controlled, Multicenter, Double Blind Trial of Dynamic Stabilization Versus Standard 360 Degree Fusion In Low Grade Lumbar Degenerative Instabilities (Dynorfuse TRIAL)</td>
<td>Bernhard Meyer</td>
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<td>12.15-12.30</td>
<td>KEY NOTE LECTURE</td>
<td>Anterior Cervical Discectomy with Partial Endplate Drilling and Instrumented Allograft Fusion: The Impact on Cervical Lordosis Restoration and Clinical Outcomes</td>
<td>Kenan Arnautovic</td>
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<td>12.30-12.45</td>
<td>Electrophisiological Monitoring in Spinal Disease</td>
<td>Francesco Sala</td>
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<td>12.45-13.00</td>
<td>Surgical Outcome Prognosis for Degenerative Lumbar Spine Disease</td>
<td>Anton Nazarenko</td>
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<td>13.00-13.15</td>
<td>Three and Four Level ACDF: How I Do It</td>
<td>Ibrahim Omerhodzic</td>
<td>Bosnia and Herzegovina</td>
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<td>13.30-14.15</td>
<td>SERBIAN, RUSSIAN AND SEENS NEUROSURGICAL SOCIETIES EC BUSINESS MEETING</td>
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14.15-14.30  KEY NOTE LECTURE
Challenges in Spinal Cord Surgery - Intra Medullary and Beyond
Rod Laing, UK

14.30-14.45  KEY NOTE LECTURE
The Application of Anterior Unkforaminotomy in the Surgical Treatment of Patients with
Monoradicular Syndrome in the Degenerative Pathology of the Cervical Spine
Vladimir Klimov, Russia

14.45-15.00  Intraoperative Neurophysiological Monitoring in Degenerative Cervical Spine Surgery
Petar Vulekovic, Serbia

15.00-15.15  Degenerative Lumbar Spine: Protocols and When the Unusual Approaches are Better
Dmitry Dzukaev, Russia

15.15-15.30  Failed Back Surgery
Tomislav Cigic, Serbia

15.30-15.45  New Concepts for Using the Arthroplasty in the Degenerative Changes
of the Cervical Spine
Matjaz Vorsic, Slovenia

15.45-16.00  Multisegmental 3D Approaches in Resolving Pathological processes of the Cervical Spine
Nebojsa Stojanovic, Serbia

16.00-16.15  My Experience with Cervical Spine Surgery and Stabilization
Venko Filipce, Macedonia

16.15-16.30  Lumbar spine stenosis: prevalence and morphology of ossification of the ligamentum flavum
Vladimir Sorokovikov, Russia

16.30-16.45  Discussion

16.45-17.00  Coffee break
### ORAL PRESENTATIONS 1
Moderators: Dmitry Dzukaev, Miroslav Vukic, Goran Pavlicevic

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<td>08.00-19.00</td>
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</table>
MAIN SCIENTIFIC SESSION 3: SPINE TRAUMA AND INFECTIONS
Moderators: Vadim Manukovsky, Ljubodrag Minic, Fatos Olldashi

12.00-12.15  KEY NOTE LECTURE
Chronic spondylitis: current concept
Alexander Mushkin, Russia

12.15-12.30  KEY NOTE LECTURE
Modification of short-segment fixation with pedicle screws in fracture site without fusion for thoracolumbar fractures
Vladimir Lalosevic, Serbia

12.30-12.45  MIS Instrumentation in Trauma
Nikolay Gabrovsky, Bulgaria

12.45-13.00  Central Cord Syndrome - Surgical Treatment Nuances
Nenad Novakovic, Serbia

13.00-13.15  Segmental Stabilisation of Pathologic Fractures of Thoracolumbar Spine
Stanko Milickovic, Serbia

13.15-13.30  Discussion

13.30-14.15  Lunch

MAIN SCIENTIFIC SESSION 4: BASIC SCIENCE AND SPINE TUMORS
Moderators: Sergey Kolesov, Andreas Demetriades, Stefano Ferraresi

14.15-14.30  KEY NOTE LECTURE
Treatment of Chronic Pain After Transpedicular Fixation
Tito Perilla, Colombia

14.30-14.45  KEY NOTE LECTURE
Complications in Spine Surgery
Keki Turel, India

14.45-15.00  Spine and Spinal Cord Disorders: Advanced Treatment Concept
Dmitry Asyutin, Russia

15.00-15.15  Endovascular Treatment of Spinal AVMs and Vascular Tumors
Teodor Tissen, Russia

15.15-15.30  Radiosurgery For Spinal Metastasis
Selçuk Peker, Turkey

15.30-15.45  Neuromodulation is the Main Way of Treatment of Failed Back Surgery Syndrome (FBSS)
Emil Isagulyan, Russia

15.45-16.00  Intraoperative Neurophysiological Monitoring for Spinal Cord Tumors Surgery
Slavko Djuraskovic, Montenegro

16.00-16.15  Results of Surgical Treatment of Spinal Cavernous Malformations
Bahramkhon Zakirov, Russia

16.15-16.30  Spinal Cord Tumors in Montenegro
Novak Lakicevic, Montenegro

16.30-16.45  Discussion

16.45-17.00  Coffee break
ORAL PRESENTATIONS 2
Moderators: Sergey Mlyavykh, Novak Lakicevic, Venko Filipce

HALL 2

17.00-18.45  TBA
18.45-19.00  Discussion
08.00-19.00  E-POSTER SESSION
             Area for Poster presentation
20.00-00.00  Social dinner
**Saturday, 6th October 2018**

07.30  Registration

**PLENARY SESSION 2**  
**Moderators:** Madjid Samii, Francesco Tomasello, Andrey Grin  

**HALL 1**

08.00-08.20  
**Adult Scoliosis and Complication Management**  
Jesus Lafuente, Spain

08.20-08.40  
**Microsurgical Education Today and the Role of Neurosurgical Organizations**  
Torstein Meling, Norway

08.40-09.00  
**From Simulation Through Cadaver Training to Patient Care: A Safe Way to Educate Spinal Surgeons**  
Karl Schaller, Switzerland

09.00-09.20  
**Surgical Treatment of Cervical Spine Trauma**  
Vadim Manukovsky, Russia

09.20-09.40  
**Occipito-Cervical Fixation: Evolution and Current Concepts**  
Miguel Arraez Sanchez, Spain

09.40-10.10  
**SNSS Tribute: Professor MILIVOJE KOSTIC LECTURE 2**  
Implant Related Lowgrade Infections as the Cause for Screw Loosening (Prospective Matched Pairs)  
Bernhard Meyer, Germany  
*INTRO Lukas Rasulic*

10.10-10.30  
**Coffee break**

**MAIN SCIENTIFIC SESSION 5: BASIC SCIENCE AND NEW TECHNOLOGIES**  
**Moderators:** Miguel Arraez Sanchez, Vladimir Klimov, Karl Schaller  

**HALL 1**

10.30-10.45  
**KEY NOTE LECTURE**  
John Duff, Switzerland

10.45-11.00  
**KEY NOTE LECTURE**  
New Technologies for the Treatment of Degenerative Scoliosis  
Sergey Kolesov, Russia

11.00-11.15  
**Adverse Events Related to Peripheral Nerves Following Spine Surgery-Complications, Sequellae, Mistreatment: Avoidance, Treatment Modalities and Outcome**  
Lukas Rasulic, Serbia

11.15-11.30  
**Cervical Arthroplasty With Discover: Long Term Results and Influence on the Cervical Biomechanics**  
Miroslav Vukic, Croatia
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<td>Spinal Navigation: Past, Present and Future</td>
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<td>Francesco Costa, Italy</td>
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<td>11.45-12.00</td>
<td>Spinal Cord Stimulation</td>
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<td>Jamil Rzaev, Russia</td>
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<td>12.00-12.15</td>
<td>A Neuro-fuzzy Model for Supporting the Diagnosis of Lumbar Disc Herniation</td>
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<td>12.15-12.30</td>
<td>CT Scan and Navigation Assisted Spinal Surgery</td>
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<td>Maria Martynova, Russia</td>
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<td>12.30-12.45</td>
<td>Discussion</td>
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<td>12.45-13.30</td>
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**MAIN SCIENTIFIC SESSION 6: SPINE TRAUMA**

**Moderators:** Torstein Meling, Aleksandr Mushkin, Nebojsa Stojanovic

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<td>Mehmet Zileli, Turkey</td>
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<td>13.45-14.00</td>
<td>KEY NOTE LECTURE</td>
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<td>First Experiences with a Dedicated Hybrid OR for Spine Surgery</td>
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<td>Amir Samii, Germany</td>
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<td>14.00-14.15</td>
<td>Cerebrospinal Fluid Leaks Complicating Spine Surgery: Prevention Strategies and Management</td>
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<td>İhsan Solaroğlu, Turkey</td>
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<td>14.15-14.30</td>
<td>War Injuries of the Spinal Cord</td>
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<td>Ljubodrag Minic, Serbia</td>
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<td>14.30-14.45</td>
<td>Cervical Spine Fracture</td>
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<td>Fatos Olldashi, Albania</td>
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<td>14.45-15.00</td>
<td>Trauma of the Spinal Column - What Should Be Seen by a Neuroradiologist in order for the Neurosurgeon to Do What Needs to Be Done</td>
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<td>Zoran Radovanovic, Serbia</td>
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<td>15.00-15.15</td>
<td>Central Cord Syndrome</td>
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<td>Panagiotis Selviaridis, Greece</td>
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<td>15.15-15.30</td>
<td>Spine Injuries and Disorders - Emergency Centre as a Crossroad for Right Treatment</td>
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<td>Miljan Jovic, Serbia</td>
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<td>15.30-15.45</td>
<td>Discussion</td>
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<td>15.45-16.00</td>
<td>Coffee break</td>
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</table>
MAIN SCIENTIFIC SESSION 7: SPINE TUMORS
Moderators: John Duff, Panagiotis Selviaridis, Tomislav Cigic

16.00-16.15  KEY NOTE LECTURE
Surgical Management of Intradural tumors at the Craniovertebral Junction Region
Ioan Stefan Florian, Romania

16.15-16.30  KEY NOTE LECTURE
Dumbbell Tumours of the Spine: Nuances of Technique Around the Neuroforamina
Stefano Ferraresi, Italy

16.30-16.45  Results of Surgical Treatment of Extramedullary Spinal Cord Tumors
Roman Onoprienko, Russia

16.45-17.00  Intradural Spinal Tumors: Surgical Considerations and Institutional Experience
Tomislav Sajko, Croatia

17.00-17.15  Intradural Spine Tumor Surgery
Vinceneco Paterno, Germany

17.15-17.30  Spinal Schwannomatosis
Martin Smrcka, Czech Republic

17.30-17.45  Spinal Tumours Treatment-Our Experience
Rasim Skomorac, Bosnia and Herzegovina

17.45-18.00  Intradural Spine Tumor Surgery-Institutional Experience
Djula Djilvesi, Serbia

18.00-18.15  Discussion

ORAL PRESENTATIONS 3
Moderators: Alexander Gubin, Evgeny Brinyuk, Djula Djilvesi

18.15-18.25  Degenerative lumbar spine
Vesna Nikolov, Serbia

18.25-19.05  TBA

19.05-19.20  Discussion

08.00-19.20  E-POSTER PRESENTATION
Area for Poster presentation

20.30-00.00  Serbian Traditional Dinner
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<tr>
<td>10.30-10.45</td>
<td><strong>KEY NOTE LECTURE</strong>&lt;br&gt;Utility of Endoscopy in Degenerative Disease of the Lumbar spine&lt;br&gt;Enrique Osorio-Fonseca, Colombia</td>
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<td>10.45-11.00</td>
<td><strong>KEY NOTE LECTURE</strong>&lt;br&gt;Possibility of the Correction of the Segmental Angle at the Lumbar Level by Means of Minimally Invasive and Medial Approaches&lt;br&gt;Alexander Krutko, Russia</td>
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<td>11.00-11.15</td>
<td>Percutaneous Endoscopic Transforaminal Approach for Foraminal and Extraforaminal Disc Herniations: 5-Year Experience&lt;br&gt;Natale Francaviglia, Italy</td>
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<td>11.30-11.45</td>
<td>Endoscopy as a Safe Tool to Treat Lumbar Spinal Stenosis&lt;br&gt;Marcio Ramalho da Cunha, Brasil</td>
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<td>Minimal Invasive Spine Surgery&lt;br&gt;Nikolay Velinov, Bulgaria</td>
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<td>Mini-invasive and Innovative Technologies in the Surgery of the Pathological Processes of the Skull Base and the Craniovertebral Junction&lt;br&gt;Alexey Shkarubo, Russia</td>
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<td>12.15-12.30</td>
<td>Minimally Invasive Approach for Surgical Treatment of Craniovertebral Junction Meningiomas&lt;br&gt;Stanislav Kaprovoy, Russia</td>
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### MAIN SCIENTIFIC SESSION 9: DEGENERATIVE SPINE
**Moderators:** Kenan Arnautovic, Dmitry Dzukaev, Yavor Enchev

#### HALL 2

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<td><strong>KEY NOTE LECTURE</strong> Lumbar Disc Herniation: Is Microsurgery Exceeded? Alberto Delitala, Italy</td>
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<td>13.45-14.00</td>
<td><strong>KEY NOTE LECTURE</strong> Degenerative Low and High Grade Spondylolisthesis Andreas Demetriades, UK</td>
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<td>14.00-14.15</td>
<td>Lumbar Spine Instrumentation Milos Jokovic, Serbia</td>
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<td>14.15-14.30</td>
<td><strong>DIFFERENT MIROSURGICAL NON-FUSION TECHNIQUES FOR CERVICAL RADICULOPATHY</strong> Yury Shulev, Russia</td>
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<td>14.30-14.45</td>
<td><strong>ANTERIOR CERVICAL CORPECTOMY IN THE TREATMENT OF DEGENERATIVE AND TUMOROUS PROCESSES OF THE CERVICAL SPINE</strong> Mitja Benedicic, Slovenia</td>
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<td>14.45-15.00</td>
<td><strong>ANTERIOR CERVICAL APPROACH FOR CERVICAL SPONDYLOTIC MYELOPATHY</strong> Danilo Radulovic, Serbia</td>
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<td>15.00-15.15</td>
<td><strong>OPERATIVE TREATMENT OF LUMBAR DEGENERATIVE SPONDYLOLISTHESIS WITH STENOSIS—DOES STABILIZATION IS ALWAYS NECESSARY</strong> Vladimir Papic, Serbia</td>
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<td>15.15-15.30</td>
<td><strong>ONE-SIDED RECURRENT LUMBOISHIALGIA OF UNKNOWN CAUSE—DIAGNOSTIC AND THERAPEUTIC CHALLENGE</strong> Ivan Stefanovic, Serbia</td>
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MAIN SCIENTIFIC SESSION 10: GROWING SPINE AND ADULT DEFORMITIES
Moderators: Aleksandr Mushkin, Sergey Neckrysh, Zdeslav Milinkovic

HALL 2

16.00-16.15 KEY NOTE LECTURE
Management of Spondylolisthesis
Peter Vajkoczy, Germany

16.15-16.30 KEY NOTE LECTURE
Minimal Invasive Surgery in Spine Trauma
Tiberiu Maior, Romania

16.30-16.45 Sagittal Balance in Spinal Neurosurgery
Evgeny Brinyuk, Russia

16.45-17.00 Endoscopy in Growing Spine Surgery
Alexandru-Vlad Ciurea, Romania

17.00-17.15 Comparative Analysis of Surgical Treatment of Patients with Congenital Thoracic Spine Deformities Using Thoracic Expansion Devices and Spinal Correction and Fusion
Sergey Vissarionov, Russia

17.15-17.30 Nondysraphic Intramedullary Spinal Cord Lipomas: A Review
Harjinder Bhatoe, India

17.30-17.45 Modern Treatment Options for Degenerative Scoliosis
Goran Pavlicevic, Serbia

17.45-18.00 Advanced pain treatment in adult spine deformities
Gregor Kienbacher, Austria

18.00-18.15 Discussion

ORAL PRESENTATIONS 4
Moderators: Martin Smrcka, Anton Nazarenko, Vladimir Papic

HALL 2

18.15-18.25 Cervical Spondylotic Myelopathy
Drazen Ivetic, Serbia

18.25-18.35 Use of Nitinol Rods for Fixation of the Lumbar Spine (Prospective Multi-Center Study)
Kazmin Arkadii, Russia

18.35-19.05 TBA

19.05-19.20 Discussion

08.00-19.20 E-POSTER PRESENTATION
Area for Poster presentation

20.30-00.00 Serbian Traditional Dinner
### Sunday, 7th October 2018

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<td>Outpatient Cervical Surgery</td>
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<td>Eirik Helseth, Norway</td>
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<td>08.20-08.40</td>
<td>Use of Endoscopic Technologies in Thoracic-lumbar Spinal Trauma</td>
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<td>Andrey Grin, Russia</td>
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<td>08.40-09.00</td>
<td>Current Concept in Minimal Invasive Spine Surgery</td>
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<td>Kresimir Rotim, Croatia</td>
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<td>09.00-09.20</td>
<td>The Correction of Degenerative Scoliosis of Adults with the Use of Minimally Invasive Technologies (LLIF, ALIF, MIS Posterior Fixation)</td>
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<td>Vladimir Klimov, Russia</td>
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<td>09.20-09.40</td>
<td>Surgical Management of the Vascular Malformations of the Spinal Cord</td>
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<td>Marcel Ivanov, UK</td>
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<td>09.40-10.00</td>
<td>Multilevel VCR in the Treatment of Complex Spinal Deformities in Adults</td>
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<td>Dmitry Ptashnikov, Russia</td>
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<td>Surgical Treatment of Intramedullary Tumors: Experience of More than 700 Cases</td>
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<td>Nikolay Konovalov, Russia</td>
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<td>INTRO Lukas Rasulic</td>
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<td>10.30-10.45</td>
<td>Coffee break</td>
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MAIN SCIENTIFIC SESSION 11: MINIMAL INVASIVE SPINE SURGERY
Moderators: Jesus Lafuente, Eirik Helseth, Alexander Krutko

HALL 1

10.45-11.00 KEY NOTE LECTURE
Evolution of Minimally-Invasive Techniques in Instrumented Thoraco-lumbar Surgery: Our Experience
Roberto Delfini, Italy

11.00-11.15 KEY NOTE LECTURE
Role of Minimal Invasive Techniques and New Classification System in the Surgical Treatment of Pathologies Situated in the Spinal Canal
Peter Banczerowski, Hungary

11.15-11.30 MIS Techniques in Our Adult Deformity Practice: Real Opportunities and Pitfalls
Sergey Mlyavykh, Russia

11.30-11.45 Concept of Full-Endoscopic Surgery of the Lumbar Spine
Marko Markovic, Serbia

11.45-12.00 Transforaminal Endoscopic Discectomy - Why This is the Best Surgery What We Can Offer to Our Patients
Robert Saftic, Croatia

12.00-12.15 Endoscopic-assisted Fenestration and Discectomy in Lumbar Disc Hernia Using EasyGo
Roman Bosnjak, Slovenia

12.15-12.30 Percutaneous Minimally Invasive Procedures for Osteoporotic Vertebral Compression Fractures – Current Concepts
Yavor Enchev, Bulgaria

12.30-12.45 Discussion

12.45-13.00 Coffee break

MAIN SCIENTIFIC SESSION 12: GROWING SPINE AND ADULT DEFORMITIES
Moderators: Sergey Vissarionov, Ibrahim Omerhodzic, Danilo Radulovic

HALL 1

13.00-13.15 KEY NOTE LECTURE
Pediatric Cervical Surgery. Challenges and Technics
Alexander Gubin, Russia

13.15-13.30 KEY NOTE LECTURE
Surgical Management of Cervical Deformity
Sergey Neckrysh, USA

13.30-13.45 Cervical-thoracic Spinal Reconstruction
Alexander Mushkin, Russia

13.45-13.46 Surgery of Adolescent Idiopathic Scoliosis
Onur Yaman, Turkey
14.00-14.15 Surgical Management of Adult Spine Deformities
Alexander Kravchuk, Russia

14.15-14.30 Surgical Techniques and Planning in Treatment of 3D Spinal Deformities
Zdeslav Milinkovic, Serbia

14.30-14.45 Discussion

YOUNG NEUROSURGEONS FORUM - SNSS & SEENS AWARD SESSION
Moderators: Djula Djoilvesi, Ibrahim Omerhodzic, Ivan Stojanovic, Ljubodrag Minic, Tomislav Sajko

14.45-15.30 TBA

15.30-15.45 YOUNG NEUROSURGEONS AWARD CEREMONY

15.45-16.00 CLOSING CEREMONY

08.00-15.30 E-POSTER SESSION
Area for Poster presentation