WFNS Education course, Novosibirsk, November 14-16, 2017

**International Faculty**

Yuhai Bao, China
Concezio Di Rocco, Germany
Ling Feng, China
Patrick Martens, France
Christian Raftopoulos, Belgium
Ririko Takeda, Japan
Yong-Kwang Tu, Taiwan
Tai Ton Wong, Taiwan

Maurice Choux, France
Yavor Enchev, Bulgaria
Satoshi Kuroda, Japan
Kentaro Mori, Japan
Lukas Rasulic, Serbia
Rokuya Tanikawa, Japan
Keki E Turel, India

**Local Faculty**

Yury A. Shulev, St.-Petersburg, Russia
Yury Kushel, Moscow

Natalia A. Polunina, Moscow
Aleksandr Kim, St.-Petersburg

**ORGANIZER:** World Federation of Neurosurgical Societies (WFNS)

**CO-ORGANIZERS:**
Federal Neurosurgical Center (Novosibirsk);
SIBNEURO (Siberian Association of Neurosurgeons, Novosibirsk);
Novosibirsk State University;
Association of Russian Neurosurgeons.

**LOCAL ORGANIZERS:**

Jamil A Rzaev
German Letyagin
Andrey Dubovoy
Ksenia Pavlova
Irina Geyne
Inna Pashnina

Vladimir Klimov
Sergey Chernov
Aleksandr Dmitriev
Micael Rzaev
Yuri Kharatashvili
DAY ONE (14 November 2017)

08.30-09.00 Welcome, Presentation of the course

Session I

09.30 -10.30
Chairmen: A.Dubovoy, Rokuya Tanikawa

09.30-09.50 Strategies in the mangements of intracranial artero-venous malformations
   Y-H Tu, Taiwan

09.50-10.10 Less invasive transcisternal approach for aneurysm
   R Tanikawa, Japan

10.10-10.30 Results of neck klipping and intraneurysmall thrombectomy for partially thrombosed giant aneurysm compressing brain stem
   R. Takeda, Japan

10.30-10.50 Coffee Break

Session II

11.00-13.00
Chairmen: F Ling, Yong-Kwang Tu

10.50-11.10 Vascular reconstructions for complex aneurysm
   R Tanikawa, Japan

11.10-11.30 High extracranial-intracranial bypass surgery
   Y-H Tu, Taiwan

11.40-12.00 Strategy and tactics of bypass surgery for moyamoya disease
   S.Kuroda, Japan

12.00-12.20 Repeat bypass surgery for moyamoya disease refractory to previous surgery
   S.Kuroda, Japan

12.20-12.40 Carotid endarterectomy
   K Turel, India

12.40-13.00 Discussion

13.00-14.00 Lunch
Session III  FUNCTIONAL

14.00-15.20

Chairmen: Jamil Rzaev, Yavor Enchev

14.00-14.20 Management of chronic pain  
P Mertens, France

14.20-14.40 Microvascular decompression for trigeminal neuralgy  
and facial spams  
Y Bao, China

14.40-15.00 Facial pain surgery  
J Rzaev, Russia

15.00-15.20 Harmful spasticity  
P Mertens, France

15.29-15.40 Brachial plexus surgery  
L Rasulic, Serbia

15.40-16.00 Coffee Break

Session IV  HYDROCEPHALUS SYMPOSIUM

Sponsored by Storz and Surgiwear

16.00-18.30

Changing in the surgical approach 20’  
C Di Rocco

How to perform a V-P shunt 20’  
M Choux

How to perform ETV 20’  
C Di Rocco

Hands on 90’
**DAY II (15 November 2017)**

**Session V  SPINE**

**08.30-10.10**

**Chairmen: Keki Turel, Patrick Mertens**

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<td>08.30-08.50</td>
<td>Management of lumbar canal stenosis</td>
<td>K Turel, India</td>
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<td>08.50-09.10</td>
<td>Minimal invasive lumbar surgery with neuronavigation</td>
<td>C Raftopoulos, Belgium</td>
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<td>09.10-09.30</td>
<td>Intraoperative ultrasonography in decompressive lumbar surgery</td>
<td>Y. Enchev, Bulgaria</td>
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<td>09.30-09.50</td>
<td>Anterior cervical foraminotomy (ACF) as a method of choice for cervical radiculopathy treatment</td>
<td>Y. Shulev, Russia</td>
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<td>09.50-10.10</td>
<td>Intramedullary spinal cord tumors</td>
<td>Y. Kuszel, Russia</td>
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<td>10.10-10.30</td>
<td>Spinal AVM classification</td>
<td>F Ling, China</td>
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<td>10.30-10.50</td>
<td>Coffee break</td>
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**Session VI  VASCULAR II**

**10.50-12.30**

**Chairmen: Yuri Shulev, Christian Raftopoulos**

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<td>10.50-11.10</td>
<td>Risk assessment of intracranial aneurysms rupture</td>
<td>N. Polunina, Russia</td>
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<td>11.10-11.30</td>
<td>Key-hole strategy for cerebral aneurysms</td>
<td>K Mori, Japan</td>
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<td>11.30-11.50</td>
<td>Microsurgical treatment of complex cerebral aneurysms</td>
<td>N. Polunina, Russia</td>
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<td>11.50-12.10</td>
<td>Surgical management of middle cerebral aneurysms in a multidisciplinary group</td>
<td>C Raftopoulos, Belgium</td>
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<td>12.10-12.30</td>
<td>Tips, biases and pitfalls in distal trans-sylvian key-hole approach for MCA aneurysms</td>
<td>R Takeda, Japan</td>
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<td>12.30-12.50</td>
<td>Combined treatment of spinal cord AVM</td>
<td>F Ling, China</td>
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Session VII  TUMORS I

12.50-13.30

Chairmen: Maurice Choux, Aleksandr Kim

12.10-12.30  Surgical approaches of deep seated tumors with demonstration of surgical anatomy  
              Y Bao, China

12.30-12.50  Impact of intraoperative MRI on glioblastoma surgery and survival  
              C Raftopoulos, Belgium

12.50-13.10  Management of pediatric craniopharyngiomas  
              C. Di Rocco, Germany

13.30-14.30  Lunch

SOCIAL
DAY THREE (16 November 2017)

Session VIII  TUMORS II

08.30-10.30

Chairmen: C.Di Rocco, A.Konovalov (?)

08.30-08.50  Application of key-hole surgery concept to pediatric
Neurosurgery  Y.Kuszel, Russia

08.50-09.10  Management of pediatric craniopharyngiomas  C. Di Rocco, Germany

09.10-09.30  Management of skull base tumors  K.Mori, Japan

09.30-09.50  Surgical approach to pineal tumors  J.Rzaev, Russia

09.50-10.10  Advances in management of medulloblastomas  M.Choux, France

10.10-10.30  A. Konalov, Russia

10.30-10.50 Coffee break

Session IX  TUMORS III

10.50-13.00

Chairmen: Tai Ton Wong, L Rasulic

10.50-11.20  A Konovalov, Russia

11.20-11.40  Brain stem tumors  M. Choux, France

11.40-12.00  Sphenoid wing meningioma  K.Turel, India

12.00-12.20  Large vestibular schwannomas: how to manage in 2017  Ch Raftopoulos, Belgium

12.20-12.40  Management of germ cell tumors  TT Wong, Taiwan

12.40-13.00  Management of children with recurrence of cerebral
neuroepithelial tumors  A.Kim, Russia

13.00-14.00 Lunch
Session X  TRAUMA/PEDIATRICS

14.00-16.00

Chairmen: Yuhai Bao, Y.Kuszel

14.00-14.20 Damaging factors and mechanisms of blast-related craniocerebral injuries Y.Shulev, Russia

14.20-14.40 Surgical management of epilepsy in children TT Wong, Taiwan

14.40-15.00 The role of the neurosurgeon in phacomatosis C.Di Rocco, Germany

15.00-15.20 Chiari type I and II A.Kim, Russia

15.20-15.40 Safety precautions in neurosurgery Y.Enchev, Bulgaria

15.40-16.00 .......................... L.Rasulic, Serbia

16.00-16.30 Farewell

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