PRELIMINARY PROGRAMME

World Society for Stereotactic and Functional Neurosurgery

BERLIN . GERMANY

26-29 JUNE 2017

INTERCONTINENTAL BERLIN

17th Quadrennial Meeting

EMERGING TECHNIQUES AND INDICATIONS

www.wssfn.org
www.wssfn-congress.org
Welcome message from the WSSFN President

Dear colleagues, dear guests and friends of WSSFN,

Welcome to the 17th Quadrennial Meeting of the World Society for Stereotactic and Functional Neurosurgery in June 2017 in Berlin! The motto of the meeting this time is Emerging Techniques and Indications. This is the opportunity to learn about the most exciting new developments in functional and stereotactic neurosurgery, to see cutting edge technology, to update your knowledge and to meet peers from all around the world.

WSSFN has been growing at an unprecedented pace within the past few years reflecting both multitude and diversity. WSSFN now is a true and vibrating world society operating all over the globe! After the mutual benefit plan had been launched, negotiations were started with several continental and regional societies for stereotactic and functional neurosurgery. Now the seeds have become trees. In addition to the American (ASSFN) and the European (ESSFN) societies, five other societies have become affiliated with WSSFN - the societies from India (ISSFN), from Japan (JSSFN), from Korea (KSSFN), from the Middle East (MSSFN), and from Latin America (SLANFE). What was a club of friends a couple of decades ago has become a world wide net for scientific exchange, innovation, mutual support and education.

Stereotactic and functional neurosurgery has become one of the most important areas of added competence within neurosurgery. It is the field with the biggest progress being made and it has a larger impact than ever before. Actually, the concepts of our superspecialty have penetrated the whole field of neurosurgery changing its core forever.

WSSFN has become a very busy society. In addition to the big quadrennial meetings we have organized Interim meetings concentrating more on education, and we sponsor more focused conferences by the label “Under the auspices of WSSFN.” We have established several committees concerned with special topics such as Psychiatric Surgery, Education, Scientific Research and Industrial Relations. We stay connected with our membership via our website and regular newsletters. And our journal Stereotactic and Functional Neurosurgery has become an attractive medium to publish your research.

WSSFN will welcome you in Berlin in June 2017 with a most attractive program. The Scientific Program Committee has been working hard to prepare a program that we are sure will be of great interest and stimulate discussion. There will be workshops, breakfast seminars, plenary and parallel sessions, award ceremonies, debates, sponsored lunch symposia, oral and poster presentations of the newest research, a history exhibition, and an Intensive Course for Industry Professionals. And last not least, this is the time to meet old friends and to make new friends in a most pleasant atmosphere.

Looking forward to seeing you there,

Joachim K. Krauss, Hannover, Germany
President WSSFN

Movement Disorders
Parkinson’s disease
Tremor
Dystonia
What happened in PPN DBS?
PSA or cZiDBS
Tic / Tourettes

Psychiatric Disorders
Depression
OCD
Schizophrenia
Addiction
Others

Epilepsy
Anterior thalamic DBS
STN DBS
Vagal nerve stimulation
Neuropace
Mesial temporal ablations

New Indications for DBS
Alzheimers dementia,
Obesity
Others

Stereotactic Operations for Mass Lesions
Tumor ablation
Convection enhanced delivery

Pain
Trigeminal neuralgia
New devices for spinal cord stimulation
SCS for angina, heart insufficiency, ischemia etc
Peripheral and field stimulation
Intrathecal drug administration
DBS/MCS

Spasticity
Baclofen
Selective dorsal rhizotomy, neurotomy
Botex treatment

Restorative Neurosurgery
Gene therapy
Stem cell therapy
Spinal cord regeneration

Radiosurgery
Functional radiosurgery
Progress in stereotactic radiosurgery

Novel Technologies
Advanced imaging modalities
Robotic neurosurgery
Focused ultrasound for neurosurgery

Neuro-ethics
Treatment of psychiatric disorders
Expanding indications for DBS

Neuroimaging for Functional Neurosurgery
Intraoperative MRI and CT
Advanced MRI modalities, DTI

Debates Sessions
Microrecording: essential or not?
Radiosurgery vs Microvascular decompression
Other topics

Other Topics
Risk and complication avoidance in DBS surgery
Functional neurosurgery in developing countries
New anticonvulsant drugs vs epilepsy surgery
Microsurgical techniques in functional neurosurgery
Functional neurosurgery program development
Advancing clinical and basic science research
## PRE-MEETING

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<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Workshop/Event</th>
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| 8:00  | Potsdam I/III | Electrophysiology workshop  
Coordinator: Bill Hutchison  
Moderators: Erich Richter, Hagai Bergman |
|       | Bellevue  | Epilepsy workshop  
Coordinator: Faisal Al-Otaibi  
Moderators: Igor Trifonof, Claudia Pollo |
| 8:30-12:00 | Pavillon | Pain surgery workshop  
Coordinator: Marc Sindou  
Moderators: Wolfgang Hamel, Chris Honey |
|       | Tegel     | Treatment of Tourette's syndrome workshop  
Coordinator: Yasin Temel  
Moderators: Mansour Parvareh, Rees Cosgrove |
| 12:00-14:00 | Schinkel I-III | Satellite symposium  
Sponsored by WSSFN  
Neuromodulation zur Behandlung psychiatrischer Erkrankungen  
Coordinator: Jürgen Voges |
| 19:00-21:00 | Schinkel I-III | WELCOME RECEPTION |

## WORKSHOPS

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<thead>
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| 8:00  | Pavillon  | Radiosurgery workshop  
Coordinator: Jean Régis  
Moderators: Moto Hayashi, Roberto Spiegelman |
|       | Tegel     | Epilepsy workshop  
Coordinator: Faisal Al-Otaibi  
Moderators: Igor Trifonof, Claudia Pollo |
| 14:00-18:00 | Pavillon | Surgery for psychiatric disorders workshop  
Coordinators: Bart Nuttin, Marwan Hariz, Keith Matthews |
|       | Tegel     | DBS workshop  
Coordinator: Erlick Pereira  
Moderators: Jorge Gutidi, Angelo Franzini |
|       | Schinkel I-III | Treatment of Tourette's syndrome workshop  
Coordinator: Yasin Temel  
Moderators: Mansour Parvareh, Rees Cosgrove |
| 14:00-18:00 | Schinkel I-III | Satellite symposium  
Sponsored by WSSFN  
Global Brain Initiatives - Implications for Functional Neurosurgery  
Coordinators: Mark Richardson, Joseph Neimat |
| 19:00-21:00 | Schinkel I-III | WELCOME RECEPTION |

## Education & Training workshop

Coordinators: Jean Régis, Joachim Krauss  
Moderators: Jean Régis, Joachim Krauss
MONDAY 26 JUNE

9:00-11:30 OFFICER'S MEETING

8:00-12:00 PRE-MEETING WORKSHOPS

ELECTROPHYSIOLOGY WORKSHOP-Coordinator: Bill Hutchison
Moderators: Erich Richter, Hagai Bergman
• Techniques in microelectrode recording, Bill Hutchison
• Physiology of the thalamus and basal ganglia in movement disorder surgery, Zvi Israel
• Current models of basal ganglia circuitry, Hagai Bergman
• Basal ganglia physiology in animal models, Moshe Alon
• Selected cases - recordings and interpretation, Bridge Platt
• Effect of sedation and anesthesia on recordings, Alexandre Eusebio
• Neural rhythms in MD surgery, Saevar Shekht

EPILEPSY WORKSHOP-Coordinator: Faisal Al-Otaibi
Moderators: Igor Tifafon, Claudio Pollo
• Assessment of surgical patients, Yourself Cemair
• The role of adjunct testing in epilepsy, Faisal Al-Otaibi
• Electroencephalography, Antonio Gonalves Ferreira
• StereoeEG recordings, Jorge Martinez
• Temporal lobe epilepsy, Claudio Pollo
• Functional imaging, Dario Englot
• Laser ablation in epilepsy, Chen Wu
• How epilepsy helps us understand cognition and memory, Itzhak Fried
• MEG, Masaki Iwasaki

RADIO SURGERY WORKSHOP-Coordinator: Jean Régis
Moderators: Moto Hayashi, Roberto Spiegelman
• Fundamentals of radiosurgery-from frames to physics, Antonio De Salles
• Radiosurgery for benign tumors, Marc Levivier
• Radiosurgery for acoustic neuromas, Jean Régis
• Radiosurgery for metastatic disease, David Mathieu
• Functional radiosurgery, Roberto Martinez
• Radiosurgery for treatment of arteriovenous malformations, Roman Lisacuk

PAIN SURGERY WORKSHOP-Coordinator: Marc Sindou
Moderators: Wolfgang Harms, Chiu Honway
• Trigeminal neuralgia and facial pain, Marc Sindou
• Spinal cord stimulation, Josh Rosenow
• DREZ lesioning, Peter Konrad
• DBS for pain, Alex Green
• Surgical treatment of headache syndromes, Dongs Fontaine
• Motor cortex stimulation, Gaston Schechtman
• Sphenopalatine ganglion stimulation, Jocelyn Blech
• DRG stimulation, Jan Van der Pauw

TREATMENT OF TOURETTE’S SYNDROME WORKSHOP-Coordinator: Yasin Temel Schinkel I-II
Moderators: Mansour Parvaresh, Rees Cosgrove
• Overview of Tourette’s syndrome, Ludovic Zinno
• Psychiatric issues in Tourette’s, Kirsten Müller-Vahl
• Surgical patient selection, Yasin Temel
• Treatment of Tourette with GPI stimulation, Vonde Visser-Vandenvalle
• Treatment of Tourette with GPE stimulation, Oswaldo Vilale Filho
• Treatment of Tourette with thalamic stimulation, Terry Coyne

12:00-14:00 SATELLITE SYMPOSIUM SPONSORED BY WSSFN

NEUROMODULATION ZUR BEHANDLUNG PSYCHIATRISCHER ERKRANKUNGEN
Coordinator: Jürgen Voges
Speakers: Prof. Dr. med. Th. Schlüper, Univ.-Freiburg; Prof. Dr. med. Dr. phil. A. Heinz, Univ.-Hospital, Charité Berlin, Prof. Dr. med. J. Crienen, Univ.-Freiburg, Prof. Dr. med. J. Voges, Univ.-Magdeburg

GLOBAL BRAIN INITIATIVES - IMPLICATIONS FOR FUNCTIONAL NEUROSURGERY Schinkel I-II
Coordinator: Mark Richardson, Joseph Neimat

14:00-18:00 DBS WORKSHOP-Coordinator: Erick Pereira
Moderators: Jorge Garabi, Angelos Frangiolli
• Methods of stereotaxy, Cartesian coordinates, frame application, Romain Caron
• Targets, frames and maximizing targeting accuracy, Patrick Blomstedt
• Noxame and Starfix systems, Joseph Neimat
• Neuromodulation for movement disorders-technique, indications and current outcomes, Stephan Chabardes
• Neuromodulation for epilepsy, Dirk van Roost
• Neuromodulation for novel indications: Depression, Alzheimer, Anorexia, Clement Hamani
• DBS complications, Fiorella Contarino
• Neuronavigation, Erick Pereira

STEREOTACTIC AND FUNCTIONAL NEUROSURGERY WORKSHOP FOR INDUSTRY Potsdam I/III
Coordinator: Michael Schudler
Moderators: Michael Schudler, Parvash Doshi
• A primer of Neurodegenerative disorders, Sunail Kalia
• Introduction to movement disorder surgery-targets, techniques and indications, Parvash Doshi
• Proprospective patient assessment-how do we select surgical candidates, Jens Volkman
• Novel indications for treatment, Michael Schudler
• The delicate art of programming, What are the key issues, Jörg Müller
• Movement disorders - the patient's perspective and impact on quality of life, Gun-Marie Hariz
• What I always wanted to know about Functional Neurosurgery-but was afraid to ask, All Faculty

LESIONING WORKSHOP-Coordinator: Jin Woo Chang Schinkel I-II
Moderator: Jin Woo Chang, Emla Isagulian
• Historical aspects of lesioning, from Cooper’s cryolesioning to HIFU, Takamii Taira
• Lesioning using invasive methods, Tipu Aziz
• Radiosurgical lesioning, Sun Ha Paek
• Stereotactic laser ablation surgery, Bob Gross
• Lesioning using HIFU, Nir Lipsman
• Lesioning for unusual movement disorders, Takami Taira
• Increasing the accuracy of lesioning procedures, Mohan Moudia

EDUCATION AND TRAINING WORKSHOP in collaboration with ESSFN Schinkel I-II
and WSSFN Education Committees-Coordinator: Jean Régis and Joachim Krauss
Moderators: Jean Régis, Joachim Krauss
• Stereotactic and Functional Neurosurgery across the globe-The diverse aspects of treatment, Jawo Espinoza
• A comprehensive fellowship in SNF - What should it include? Zelma Kiss
• Stereotactic and Functional Neurosurgery in Taiwan, Jung Tung Liu
• Setting up a DBS program in Indonesia, Ahmed Fahmi, Sharun Sinivasan
• Starting a functional neurosurgery group, Akmal Hussain
• Setting up an epilepsy center, Andy Parrett
• Stereotactic and Functional Neurosurgery in Africa, Graham Fliegen
• Stereotactic and Functional Neurosurgery in South America, Fabian Piodoi
• Stereotactic and Functional Neurosurgery in Tunisia, Guennam Lakhdar, Sanaissa Abdennebi

SURGERY FOR PSYCHIATRIC DISORDERS WORKSHOP Bellevue
Coordinators: Bart Nuttin, Marwan Hariz, Keith Matthews
• Introduction: Is surgery for psychiatric disorders really needed? Marwan Hariz
• DBS for OCD: why it is not flying like DBS for PD? Sun Ha Puntin
• Two failed trials of DBS for depression; what went wrong? Andres Lozano
• What happened to STN DBS for OCD? Luca Mallet
• When is a patient with OCD treatment refractory? David Christmas
• When is a patient with major depression treatment refractory? Raphael de Riolier
• Long-term outcome of DBS for OCD with emphasis on side-effects, Rick Schuurman
• DBS for addiction, Jürgen Voges
• DBS for post-traumatic stress disorder (PTSD), Ali Razai
• Abative surgery for aggressiveness, Oswaldo Vilela-Vilhia
• DBS for obesity, Antonio De Salles
• Surgery for anorexia nervosa, Bomin Sun
• DBS for Gilles de la Tourette syndrome, Vonde Visser-Vandenvalle
• Imaging of psychiatric brain circuits, Sameer Sheth
• Animal models for psychiatric disorders, Christelle Baunez
• How to proceed? Why is the field stagnating? Are psychiatrists averse to psychiatric surgery? Keith Matthews
• Why is it still experimental? All Faculty
• Closing talk: Ideal requirements for neurosurgery to become accepted credible treatment of refractory patients, Keith Matthews

OPENING RECEPTION ON MONDAY EVENING
# SYNOPSIS

## WSSFN Congress:

### Potsdam I/III

<table>
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<tr>
<th>Time</th>
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| 7:30-8:15  | WSSFN Presidential address  
Speaker: Joachim Krauss                                                   |
| 8:30-9:00  | The history of Stereotactic and Functional Neurosurgery  
Moderators: Ali Rezai, Jurgen Voges  
Speaker: Marwan Hariz                                                      |
| 9:00-9:30  | Oral presentations                                                  |
| 9:30-10:10 | Oral presentations                                                  |
| 10:10-10:30| COFFEE BREAK                                                        |
| 10:30-11:15| Oral presentations                                                  |
| 11:15-12:00| WSSFN Distinguished Award Ceremony & Presentations                  |
| 12:00-14:00| Lunch industry-sponsored symposium                                  |
| 14:15-14:45| History of Psychosurgery in postwar Germany  
Moderators: Ali Savas, Alex Green  
Speaker: Lara Rzesnitzek                                                   |
| 14:45-15:45| Oral presentations                                                  |
| 15:45-16:15| COFFEE BREAK                                                        |
| 16:15-17:15| Flash presentations  
Moderators: Alireza Gharabaghi, Jan Mehrkens                            |
| 17:15-17:45| Wrap up session - 3 presenters:  
Moderators: Harith Akram, Vibhor Krishna, Hemmings Wu                    |
| 17:45-19:45| WRAP UP SESSION - 3 PRESENTERS:  
Moderators: Harith Akram, Vibhor Krishna, Hemmings Wu                    |
| 20:00      | PLEASANT’S DINNER AT THE INTERCONTINENTAL                            |

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## Bellevue

### Challenging cases in Neuromodulation

- **Moderators:** Fabian Piedimonte, Maximilian Mehdorn  
- **Speakers:** Paresh Doshi, Terry Coyne, Shiro Horisawa

### Imaging in Stereotactic and Functional Neurosurgery

- **Moderators:** Ajay Niranjjan, Tejas Senkar  
- **Speakers:** Nader Pouratian, Juan Garcia, Dario Englot

### Maximizing the success of your research publication

- **Moderators:** Tipu Aziz, Philip Comu  
- **Speakers:** David Roberts, Stephan Chabardes, Tipu Aziz

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## Pavillon

### The history of Stereotactic and Functional Neurosurgery

- **Moderators:** Ali Rezai, Jurgen Voges  
- **Speaker:** Marwan Hariz

### Local field potentials in movement disorder surgery

- **Moderators:** Jocelyn Bloch, Alon Mogilner  
- **Speaker:** Andrea Kühn

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## Tegel

### Imaging in Stereotactic and Functional Neurosurgery

- **Moderators:** Ajay Niranjan, Tejas Sankar  
- **Speakers:** Nader Pouratian, Juan Garcia, Dario Englot

### History of Psychosurgery in postwar Germany

- **Moderators:** Ali Savas, Alex Green  
- **Speaker:** Lara Rzesnitzek

### HIFU-from Blood brain barrier to Functional Neurosurgery

- **Moderator:** Aviva Aboseh, Angelo Lavano  
- **Speaker:** Jin Woo Chang

### Wrap up session - 3 presenters

- **Moderators:** Harith Akram, Vibhor Krishna, Hemmings Wu

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**TUESDAY 27 JUNE**
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<th>Session/Activity</th>
<th>Room</th>
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<td>7:30-8:15</td>
<td>PARALLEL SESSIONS: BREAKFAST SESSIONS</td>
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<td>CHALLENGING CASES IN NEUROMODULATION</td>
<td>Bellevue</td>
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<td>Moderators: Fabian Piedimonte, Maximilian Meldrum</td>
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<td>Speakers: Paresh Doshi, Terry Coyne, Shiro Horisawa</td>
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<td>IMAGING IN STEREOTACTIC AND FUNCTIONAL NEUROSURGERY</td>
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<td>MAXIMIZING THE SUCCESS OF YOUR RESEARCH PUBLICATION</td>
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<td>Moderators: Tipu Aziz, Philip Cornu</td>
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<td></td>
<td>Speakers: David Roberts, Stephan Chabardes, Tipu Aziz</td>
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<td>8:30-9:00</td>
<td>PLENARY SESSIONS: KEYNOTE LECTURES</td>
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<td>WSSFN PRESIDENTIAL ADDRESS</td>
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<td>Speaker: Joachim Krauss</td>
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<tr>
<td>9:00-9:30</td>
<td>THE HISTORY OF STEREOTACTIC AND FUNCTIONAL NEUROSURGERY</td>
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<td>Moderators: Ali Rezai, Jurgen Voges</td>
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<td>Speaker: Marwan Hariz</td>
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<td>9:30-10:10</td>
<td>PLENARY SESSION: ORAL PRESENTATIONS</td>
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<td>10:00-10:30</td>
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<td>10:30-11:15</td>
<td>PLENARY SESSION: ORAL PRESENTATIONS</td>
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<td>Moderators: Emad Eskander, Giovanni Broggi</td>
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<td>11:15-12:00</td>
<td>PLENARY SESSION: AWARDS CEREMONY</td>
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<td>WSSFN Distinguished Awards Ceremony and Presentations</td>
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<td></td>
<td>- Yves Lazorthes, Toulouse (France): Spiegel and Wycis Award</td>
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<td>- Francisco Velasco, Mexico (Mexico): Spiegel and Wycis Award</td>
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<td>- David Roberts, Hanover (USA): Tasker Award</td>
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<td>12:00-14:00</td>
<td>LUNCH INDUSTRIAL SYMPOSIUM</td>
<td>Bellevue-Tegel</td>
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<td>12:00-14:00</td>
<td>CONCURRENT EXECUTIVE COMMITTEE MEETING</td>
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<td>14:15-15:45</td>
<td>PARALLEL SESSIONS: KEYNOTE LECTURES</td>
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<td>HISTORY OF PSYCHOSURGERY IN POSTWAR GERMANY</td>
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<td></td>
<td>LOCAL FIELD POTENTIALS IN MOVEMENT DISORDER SURGERY</td>
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<td>Moderators: Joacelyn Bouch, Alon Mogilner</td>
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<td>Speaker: Andrea Kühn</td>
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<td>HIFU-FROM BLOOD BRAIN BARRIER TO FUNCTIONAL NEUROSURGERY</td>
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<td>PARALLEL SESSIONS: ORAL PRESENTATIONS</td>
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<td>PARALLEL SESSIONS: FLASH PRESENTATIONS</td>
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<td>Moderators session I: Alireza Gharabaghi, Jan Mehrkens</td>
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<td>Moderators session II: Constantin Tuleasca, Jung Il Lee</td>
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<td>17:15-17:45</td>
<td>PLENARY SESSION: WRAP UP SESSION-3 presenters</td>
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<td>Moderators: Harith Abram, Vibhor Krishna, Hemmings Wu</td>
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<td>18:00-19:00</td>
<td>SFN EDITORIAL BOARD MEETING</td>
<td>Kaminzimmer</td>
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<td>20:00</td>
<td>PRESIDENT’S DINNER AT THE INTERCONTINENTAN</td>
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## SYNOPSIS

### WEDNESDAY 28 JUNE

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<td>Emerging indications: disorders of memory, behaviour, mood and metabolism</td>
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<td>Spasticity/Intrathecal baclofen treatment-indications, pearls and challenges</td>
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<tr>
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<td>Moderators: Hidehiro Hirabayashi (President JSSFN), Michael Schulder</td>
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<td>Speaker: Andres Lozano</td>
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<td>8:30-9:00</td>
<td>Papers: Emerging technologies</td>
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<td>10:00-10:30</td>
<td>Oral presentations</td>
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<td>Moderators: Arthur Cukiert, Visser Vanderwalle</td>
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<td>10:30-11:30</td>
<td>Why have we had so many failed trials?</td>
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<td>Speaker: Bart Nuttin</td>
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<td>12:00-14:00</td>
<td>Lunch industry-sponsored symposium</td>
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<td>14:15-14:45</td>
<td>Neural transplantation</td>
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<td>Moderators: Hiroki Toda, Cristina Torres</td>
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<td>Speaker: Stephane Palfi</td>
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<td>14:45-15:45</td>
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<td>15:45-16:01</td>
<td>COFFEE BREAK</td>
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<td>16:15-17:15</td>
<td>Flash presentations</td>
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<td>Moderators: Ahmed Alkhani, Ryoong Huh</td>
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<td>17:15-17:45</td>
<td>Wrap up session - 3 presenters:</td>
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<td>Moderators: Adrian Laxton, Ashkan Keyoumara, Karl Sillay</td>
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<td>20:00</td>
<td>CONGRESS DINNER</td>
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<td>Time</td>
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<td>7:30-8:15</td>
<td><strong>PARALLEL SESSIONS: BREAKFAST SESSIONS</strong></td>
<td>Bellevue</td>
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<td>8:30-9:00</td>
<td><strong>PLENARY SESSION: KEYNOTE LECTURE</strong></td>
<td>Potsdam I/III</td>
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<td>9:00-10:00</td>
<td><strong>PLENARY SESSION: PAPERS-EMERGING TECHNOLOGIES</strong></td>
<td>Potsdam I/III</td>
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<td>10:00-10:30</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>10:30-11:30</td>
<td><strong>PLENARY SESSION: ORAL PRESENTATIONS</strong></td>
<td>Potsdam I/III</td>
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<td>11:30-12:00</td>
<td><strong>PLENARY SESSION: KEYNOTE LECTURE</strong></td>
<td>Potsdam I/III</td>
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<td>12:00-14:00</td>
<td><strong>LUNCH INDUSTRIAL SYMPOSIUM</strong></td>
<td>Bellevue-Pavillon</td>
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<td>14:15-14:45</td>
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<td>14:45-15:45</td>
<td><strong>PARALLEL SESSIONS: ORAL PRESENTATIONS</strong></td>
<td>Potsdam I/III-Bellevue-Pavillon</td>
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<td><strong>COFFEE BREAK</strong></td>
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<td>16:15-17:15</td>
<td><strong>PARALLEL SESSIONS: FLASH PRESENTATIONS</strong></td>
<td>Potsdam I/III-Bellevue-Pavillon</td>
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<td>17:15-17:45</td>
<td><strong>PLENARY SESSION: WRAP UP SESSION-3 presenters</strong></td>
<td>Potsdam I/III</td>
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<td>18:00-19:00</td>
<td><strong>COMMITTEE MEETINGS</strong></td>
<td>Kaminzimmer</td>
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<td>20:00</td>
<td><strong>CONGRESS DINNER</strong></td>
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**PARALLEL SESSIONS:**
- **USE OF RADIOSURGERY FOR PSYCHIATRIC DISEASE, EPILEPSY, PAIN**
  - Moderators: Antonio De Salles, Marc Levivier
  - Speakers: Rees Cosgrove, Moto Hayashi, Antonio De Salles
- **CHALLENGING CASES IN EPILEPSY**
  - Moderators: Shabbar Danish, Nitin Tandon
  - Speakers: Bob Gross, Dirk van Roost, Kai A Lehtimaki
- **SPASTICITY/INTRATHECAL BACLOFEN TREATMENT INDICATIONS, PEARLS AND CHALLENGES**
  - Moderator: Patric Martens
  - Speakers: Patric Martens, Nico Enslin, Marc Sindou
- **NEURAL TRANSPLANTATION**
  - Moderator: Hiroki Toda, Cristina Torres
  - Speaker: Stephane Palfi
- **IMAGING THE BRAINSTEM-7T AND BEYOND**
  - Moderators: Volker Coenen, Aakwin Viswanathan
  - Speaker: Aviva Abosch
- **NON-INVASIVE STIMULATION FOR COGNITIVE ENHANCEMENT**
  - Moderator: Guido Nikkhah
  - Speaker: Bahram Mohammadzari

**PLENARY SESSIONS:**
- **EMERGING INDICATIONS: DISORDERS OF MEMORY, BEHAVIOUR, MOOD AND METABOLISM**
  - Moderators: Hidehiro Hirabayashi (President JSSFN), Michael Schulder
  - Speaker: Andres Lozano

**COMMITTEE MEETINGS:**
- **PSYCHIATRIC COMMITTEE MEETING**
  - Tegel
- **SCIENCE COMMITTEE MEETING**
  - Kaminzimmer
- **INDUSTRY COMMITTEE MEETING**
  - Tegel
- **EDUCATION COMMITTEE MEETING**
  - Kaminzimmer
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<td>07:30</td>
<td>SYNOPSIS</td>
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<td>State of the art of Stereotactic and Functional Neurosurgery</td>
<td>Bellevue Pavillon</td>
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<td>09:00</td>
<td>State of the art of Stereotactic and Functional Neurosurgery</td>
<td>Tegel</td>
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<td>08:30-09:00</td>
<td>Lesioning surgery for movement disorders pearsls, pitfalls and epilepsy</td>
<td>Bellevue Pavillon</td>
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<td>Tegel</td>
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<td>10:00-10:30</td>
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<td>Treatment of Dystonia</td>
<td>Bellevue Pavillon</td>
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<td>Treatment of Dystonia</td>
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<td>11:30-12:00</td>
<td>DEBATES</td>
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<td>Radiosurgery controversies in MD treatment HIFU vs radiosurgery</td>
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<td>Flash presentations</td>
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<td>18:00-18:45</td>
<td>CLOSING REMARKS / ORAL &amp; POSTERS AWARDS</td>
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## Thursday, 29 June

### PARALLEL SESSIONS: BREAKFAST SESSIONS
- **Lesioning Surgery for Movement Disorders-Pearls, Pitfalls and Epilepsy**
  - Bellevue
  - Moderators: Kostiantyn Kostiuk, Benaissa Abdennebi
  - Speakers: Erich Fonoff, Andrey Sitnikov, Chris Honey

- **Psychosurgery Accumbens vs Capsule and Overall Treatment of OCD**
  - Pavilion
  - Moderators: Jian Guo Zhang, Clement Hamani
  - Speakers: Rick Schuurman, Bomin Sun, Keith Matthews

- **Challenging Cases in Pain**
  - Tegel
  - Moderators: Julie Piltala, Jamil Rzaee, Zeiad Fayed
  - Speakers: Konstantin Slavin, Andreas Wloch, Byong Chul Son

### PLENARY SESSION: KEYNOTE LECTURE
- State of the art of Stereotatic and Functional Neurosurgery
  - Potsdam I/III
- Thirty Years of DBS for Movement Disorders—Where are we now?
  - Potsdam I/III
  - Moderators: Young Hwan Ahn (President KSSFN), Konstantin Slavin
  - Speaker: Alim Benabid

### PLENARY SESSION: ORAL PRESENTATIONS
- Bellevue
- Potsdam I/III
- Pavillon
- Bellevue-Pavillon

### GENERAL ASSEMBLY
- Potsdam I/III
- 14:15-15:15

### PARALLEL SESSIONS: KEYNOTE LECTURES
- Facial Pain
  - Potsdam I/III
  - Moderators: Mojgan Hodaie, Ludovic Zrinzo
  - Speaker: Kim Burchiel

- Radiosurgery-Controversies in MD Treatment: HIFU vs. Radiosurgery
  - Bellevue
  - Moderators: Kita Sallabanda, Andrey Golanov
  - Speaker: Jean Régis

- New DBS Electrodes
  - Pavillon
  - Moderators: Jean Ciurea, Faisal Al-Otaibi
  - Speaker: François Alesch

### COFFEE BREAK
- Bellevue
- Pavillon

### PARALLEL SESSIONS: FLASH PRESENTATIONS
- Potsdam I/III
- Bellevue
- Pavillon

### CLOSING REMARKS, ORAL AND POSTER PRESENTATION AWARDS
- Potsdam I/III
- 18:00-18:45
## BUSINESS

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## MEETINGS

### TUESDAY 27 JUNE

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<td>12:00-14:00</td>
<td>Executive Committee meeting</td>
<td>SFN Editorial board meeting</td>
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### WEDNESDAY 28 JUNE

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<td>18:00-19:00</td>
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### THURSDAY 29 JUNE

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