

## PARTICIPATION

Participants are encouraged and invited to submit poster abstracts on historic, modern and future perspectives of stereotactic and functional neurosurgery.

## CONGRESS PRESIDENT

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## CONGRESS VENUE

Konzerthaus Freiburg  
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www.konzerthaus.freiburg.de



[www.stereotaxy-freiburg.de](http://www.stereotaxy-freiburg.de)



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**DECEMBER 1-3, 2011**  
FREIBURG - GERMANY

International congress under the auspices of  
the European Society for Stereotactic and  
Functional Neurosurgery (ESSFN)

Dear Colleagues

It is a pleasure for us to cordially invite you to the forthcoming international congress

### *Stereotactic and Functional Neurosurgery – State of the Art*

which will be held in Freiburg under the auspices of the European Society for Stereotactic and Functional Neurosurgery (ESSFN) .

Stereotactic and functional neurosurgery has evolved into a fascinating interdisciplinary endeavour that combines modern neurobiology and neuroimaging with innovative intraoperative tools. It is a special privilege to host this meeting in Freiburg, where the ESSFN was founded and where the scientific activities of 60 years of stereotactic and functional neurosurgery have contributed significantly to the continuous progress in this field.

The scientific programme comprises a highly stimulating composition of historical facts, present developments and future concepts dedicated towards the diagnosis and treatment of diseases of the human brain. In addition, the picturesque and historic settings of Freiburg and the exquisite list of internationally renowned speakers will ensure to make this meeting a unique and memorable experience with many professional and personal highlights.

I am very much looking forward to welcoming you here in Freiburg!

Yours,

Guido Nikkhah



## CONFERENCE PROGRAMME

### THURSDAY, DECEMBER 1<sup>st</sup>

**16:00-19:00**

Registration and poster mounting

**19:00-23:00**

Welcome address, welcome reception and introductory programme

### FRIDAY, DECEMBER 2<sup>nd</sup>

#### **SESSION 1: The development of stereotactic neurosurgery**

**08:30 | Philipp Gildenberg** (*Houston, USA*)

What led the development of human stereotactic surgery?

**08:55 | Ronald Tasker** (*Toronto, Canada*)

Microelectrode findings in the thalamus in chronic pain and other conditions

**09:20 | Jean-Christoph Sol** (*Toulouse, France*)

A 25 years' experience in Cell Therapy for Pain Surgery

**09:45 | Björn Meyerson** (*Stockholm, Sweden*)

Mechanisms of action of spinal cord stimulation for neuropathic pain – an update

**10:10 | Manoel Jacobsen Teixeira** (*Sao Paulo, Brazil*)

Ablative procedures in the treatment of pain: new options for neuroendoscopy

**10:35 – 10:55 | Coffee break**

#### **SESSION 2: Novel tools and novel targets for functional neurosurgery**

**10:55 | Alim Louis Benabid** (*Grenoble, France*)

Functional neurosurgery for movement disorders: a personal perspective

**11:20 | Joachim Krauss** (*Hannover, Germany*)

Seeds that turn into trees: early movement disorders surgery and contemporary concepts

**11:45 | Francois Alesch** (*Vienna, Austria*)

Lesions in functional stereotaxy - is there still a place?

**12:10 | Marcus Pinsker** (*Freiburg, Germany*)

DBS and movement disorders

**12:35 | Ali Savas** (*Ankara, Turkey*)

Treatment of dystonia: DBS vs. lesioning

**13:00 – 14:30 | Lunch & Posters & Exhibitions**

**14:30 | Jairo Espinoza** (*Cartagena, Colombia*)

Functional neurosurgery for secondary dystonia: which is the optimal type of surgery?

**14:55 | Jan Vesper** (*Düsseldorf, Germany*)

Deep brain stimulation for the treatment of choreatic symptoms in Huntington's disease

**15:20 | Pepijn van den Munckhof** (*Amsterdam, The Netherlands*)

Deep brain stimulation in obsessive compulsive disorders: targeting at the anterior limb of the internal capsule

**15:45 | Jürgen Voges**

Deep brain stimulation for the treatment of addiction

**16:10 | Rees Cosgrove** (*Providence, USA*)

Stereotactic surgery for psychiatric disease

**16:35 – 16:55 | Coffee break**

#### **SESSION 3 (Part I): Less is more: Stereotaxy-Based Diagnosis and treatment of brain tumors**

**16:55 | Hiroko Ohgaki** (*Lyon, France*)

Genetic profile of astrocytic and oligodendroglial gliomas

**17:20 | Volker Sturm** (*Köln, Germany*)

Comparison of stereotactic brachytherapy (Iodine125 seeds) with stereotactic radiosurgery (LINAC)

**17:45 | Michael Trippel** (*Freiburg, Germany*)

Brachytherapy with Iodine125 seeds: History and actual relevance in the neurooncological treatment

**18:10 | End of Session 3 Part I**

**19:00 – 23:00 | Congress Dinner**

### SATURDAY, DECEMBER 3<sup>rd</sup>

#### **SESSION 3 continued (Part II)**

**08:30 | Eugenio Benericetti** (*Ravenna, Italy*)

The synergy between microneurosurgery and interstitial radiosurgery

**08:55 | Peter Warnke** (*Chicago, USA*)

Stereotactic treatment of focal epilepsy - from resection of volumes to physiological modification

**09:20 | Thomas Reithmeier** (*Freiburg, Germany*)

Metabolic imaging in stereotactic neurooncology

**09:45 – 10:10 | Coffee break**

#### **SESSION 4: Towards a molecular and restorative stereotactic neurosurgery**

**10:10 | Günther Deuschl** (*Kiel, Germany*)

Treatment of patients with essential tremor

**10:35 | Anders Björklund** (*Lund, Sweden*)

Stem cells in Parkinson's disease

**11:00 | Stéphane Palfi** (*Créteil, France*)

Gene therapy in Parkinson's disease

**11:25 | Guido Nikkhah** (*Freiburg, Germany*)

From transplantation towards restoration

**11:50 | Andres Lozano** (*Toronto, Canada*)

Measuring excellence in clinical translation: what are the top works in the field of functional neurosurgery?

**12:25 | Closing remarks**

**12:35 | Lunch**

**13:35 | Departure**