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Dept. of Stereotactic and
Functional Neurosurgery
Neurocentre Freiburg
Germany

INTERNATIONAL STEREOTAXY CONGRESS
Stereotactic und Functional Neurosurgery –
State of the Art

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Participation

Participants are encouraged and invited to submit abstracts on historic, modern and future perspectives of stereotactic and functional neurosurgery. Abstract submission will open soon!

Sponsors

Sponsors are invited to support this meeting and to take part in the accompanying industrial exhibition. For further information, please contact the congress secretary.

Homepage
www.stereotaxy-freiburg.de

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Congress venue
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Konrad-Adenauer-Platz 1
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www.konzerthaus.freiburg.de

Stereotactic and Functional
Neurosurgery – State of the Art

2nd Announcement

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

December, 1-3, 2011
Freiburg, Germany
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 under the auspices of the European Society for Stereotactic and Functional Neurosurgery (ESSFN) in Freiburg.

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

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**PRELIMINARY PROGRAMME OVERVIEW**

**Session 1: The development of stereotactic neurosurgery**

**Philipp Gildenberg** (Houston, USA)
What led the development of human stereotactic surgery?

**Ronald Tasker** (Toronto, Canada)
Microelectrode findings in the thalamus in chronic pain and other conditions

**Ives Lazorthes** (Toulouse, France)
Pain surgery: state of the art and perspectives

**Björn Meyerson** (Stockholm, Sweden)
Mechanisms of action of spinal cord stimulation for neuropathic pain – an update

**Manoel Jacobsen Teixeira** (São Paulo, Brazil)
Ablative procedures in the treatment of pain: new options for neuroendoskopie

**Session 2: Novel tools and novel targets for functional neurosurgery**

**Alim Louis Benabid** (Grenoble, France)
Functional neurosurgery for movement disorders: a personal perspective

**Günter Deuschl** (Kiel, Germany)
Treatment of patients with essential tremor

**Joachim Krauss** (Hannover, Germany)
Seeds that turn into trees: Early movement disorders surgery and contemporary concepts

**Francois Alesch** (Vienna, Austria)
Lesions in functional stereotaxy - is there still a place?

**Andries Bosch** (Amsterdam, The Netherlands)
Deep brain stimulation in obsessive compulsive disorders; targeting at the anterior limb of the internal capsule

**Jürgen Voges** (Magdeburg, Germany)
Deep brain stimulation for the treatment of addiction

**Ali Savas** (Ankara, Turkey)
Treatment of dystonia: DBS vs. lesioning

**Jairo Espinoza** (Cartagena, Colombia)
Functional neurosurgery for secondary dystonia: which is the optimal type of surgery?

**Jan Vesper** (Düsseldorf, Germany)
Deep brain stimulation for the treatment of choreatic symptoms in Huntington’s disease

**Marcus Pinsker** (Freiburg, Germany)
DBS and movement disorders

**Session 3: Less is more: Stereotaxy-based diagnosis and treatment of brain tumors**

**Paul Kleihues** (Zürich, Switzerland)
Genetic profile of astrocytic and oligodendrogliial gliomas

**Madjid Samii** (Hannover, Germany)
What means functional preservation in neurosurgery?

**Volker Sturm** (Köln, Germany)
Comparison of stereotactic brachytherapy (Iodine125 seeds) with stereotactic radiosurgery (LINAC)

**Eugenio Benericetti** (Parma, Italy)
Immunobiological and experimental aspects of malignant astrocytoma

**Massimo Scerrati** (Ancona, Italy)
Prevention of early postoperative seizures in patients with primary brain tumors

**Peter Wamke** (Chicago, USA)
Gene expression in oligodendroglial tumors

**Peter Black** (Boston, USA)
Frameless approaches to brain tumors in eloquent areas

**Edward Oldfield** (Bethesda, USA)
Radiosurgery versus radiation therapy

**Khalaf Al Moutaery** (Riyadh, Saudi Arabia)
Stereotactic radiosurgery

**Michael Trippel** (Freiburg, Germany)
Brachytherapy with Iodine125 seeds: History and actual relevance in the neurooncological treatment

**Thomas Reithmeier** (Freiburg, Germany)
Metabolic imaging in stereotactic neurooncology

**Session 4: Towards a molecular and restorative stereotactic neurosurgery**

**Anders Björklund** (Lund, Sweden)
Stem cells in Parkinson’s disease

**Stéphane Palfi** (Creteil, France)
Gene therapy in Parkinson’s disease

**Guido Nikkhah** (Freiburg, Germany)
From transplantation towards restoration

**Andres Lozano** (Toronto, Canada)
Some recent trends and further promising directions in functional neurosurgery