Host

University Hospital Tübingen

Neurosurgical Clinic

Division of Functional and Restorative Neurosurgery

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Registration

There is no registration fee. If possible, please confirm your participation.

_____

Surname

_____

First name

_____

Specialty

_____

Adress

_____

E-Mail

Acknowledgement

4 CME have been requested from the local medical authorities.

Sponsorship

We have received funding for this event from the following firms: Medtronic (1000,-- €) Abbot (750,-- €) and Boston Scientific (requested).

Medtronic Further, Together

Abbott

Boston Scientific

Symposium Venue

University Hospital Tübingen

Conferenc Center Schnarrenberg, Building 520

1.Floor, Room 1 & 2

Otfried-Müller-Straße 6, D-72076 Tübingen

niversitätsklinik für Neurochirurgie Tübingen

University Tübingen

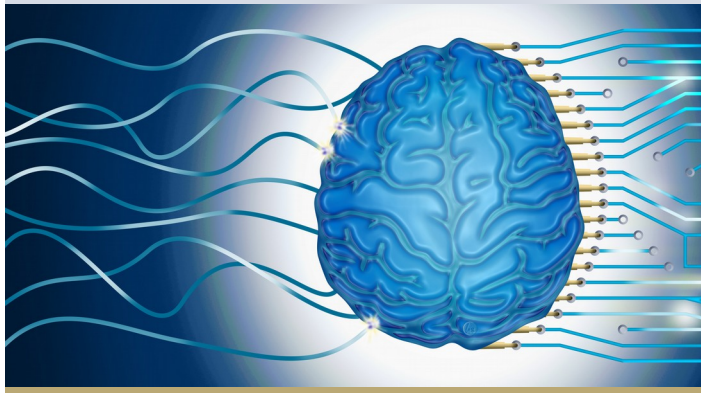
University Toronto

University Osaka

Neuromodulation 2019

International symposium on
Deep Brain Stimulation and
Restorative Technologies

Monday, 29th July 2019



Universitätsklinikum Tübingen

A very warm welcome to you all!

Dear colleagues and all further participants,

We would like to warmly invite you to join us for an interdisciplinary educational and informative meeting at the University Hospital Tübingen.

Deep brain stimulation is an established form of therapy that has already been in use for twenty years here in Tübingen. It is applied for neuromodulation in movement disorders such as Parkinson's, tremor, and dystonia, once medication has reached its limits. New stimulation targets and parameters of such therapeutical neurotechnologies point to novel solutions for gait disturbances that could not be treated up to now, as well as for treatment-refractory forms of epilepsy.

Deep brain stimulation is also being increasingly applied to psychiatric disorders within the framework of clinical studies. Our colleagues from Toronto have pioneered this field and will report on such questions as: What is the state of the art? What new approaches and indications are being examined at present? One interesting example is: can facial muscles be stimulated so as to give rise to a smile and thus also be used to treat depression?

Restorative neurotechnology is currently being explored as a means of restoring function in cases of muscle weakness and paralysis. Examples include spinal cord injuries, disturbances of posture, or brain damage as a result of strokes, brain hemorrhages or tumors. Our colleagues from Osaka will explain what can already be achieved using the technology available. Are there any novel applications that can render operative intervention superfluous?

We hope that this fascinating program with international speakers will appeal to you and that we will soon be able to welcome you at the University Hospital Tübingen.

Best wishes

Prof. Dr. med. Alireza Gharabaghi

Head of the Division of Functional and Restorative Neurosurgery
Neurosurgical University Clinic Tübingen

29 July, 19 — Symposium timetable

15.30
Registration and Refreshments

16.00
Welcome and Introduction
Prof. Dr. Alireza Gharabaghi
Tübingen

16.10
Movement disorders
Dr. Luka Milosevic
Tübingen

16.30
Gait disturbances
PD Dr. Daniel Weiss
Tübingen

16.50
Impairment of posture
Prof. Dr. Tashim Nomura
Osaka

17.20
Psychiatric disorders
Prof. Dr. William Hutchison
Toronto

17.40
Depression
Prof. Dr. Milos Popovic
Toronto

18.00
Epilepsy
Prof. Dr. Taufik Valiante
Toronto

29 July, 19 — Symposium timetable

18.20
Spinal cord injury
Prof. Dr. Matija Milosevic
Osaka

18.40
Brain injuries
Prof. Dr. Alireza Gharabaghi
Tübingen

19.00
Discussion
End of Symposium with reception (Fingerfood)

***** The lectures will be held in English**