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**2nd**  
**PSS2024**  
Psychiatric Surgery  
**SUMMIT**

**CENTER FOR DEEP BRAIN STIMULATION  
FREIBURG UNIVERSITY MEDICAL CENTER**

**24 – 26 October 2024**

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Hotel Stadt Freiburg | Tagungszentrum Berliner Tor  
Breisacher Str. 84 | 79110 Freiburg

[www.uniklinik-freiburg.de/pss2024.html](http://www.uniklinik-freiburg.de/pss2024.html)



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Boston Scientific S.A.  
8 Anslow Crescent Anslow Office  
Park, Bryanston, Sandton, 2021,  
South Africa

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Dear colleagues,  
dear friends,

We are delighted to welcome you to the  
2nd biannual PSYCHIATRIC SURGERY SUMMIT (PSS2024)  
24<sup>th</sup> - 26<sup>th</sup> October 2024 in Freiburg, Germany.

<https://www.uniklinik-freiburg.de/pss2024.html>

The PSS2024 is a meeting for discussion and information exchange for scientists who are interested in invasive strategies to treat psychiatric illnesses. Together with other experts in the field of Deep Brain Stimulation in psychiatric indications we meet for two and a half days of intense and in depth discussion about this burgeoning field. The scope is information exchange and facilitation of networking.

We have invited internationally renowned faculty from the fields of Psychiatry, Neurology, Neurosurgery, Neurophysiology, Imaging and more. You will notice that invited talks are 20 minutes followed by 20 minutes discussion time, so you as a guest will have the opportunity for **in-depth discussion with other experts**.

Keynote lectures will be given by Helen Mayberg (New York), Cornelius Weiller (Freiburg) and Robert E. Gross (Newark).

PSS2024 is intended for Psychiatrists, Neurologists, Neurosurgeons, Neuroscientists, DBS staff and graduate students.

The meeting is endorsed by the ESSF and WSSFN.

We are pleased to have you with us in our beautiful city of Freiburg this fall for PSS2024, whether you are attending in person or joining us online!

Volker A. Coenen, M.D.    Thomas E. Schlöpfer, M.D.  
Bastian E.A. Sajonz, M.D., M.Sc. (congress secretary)

1. Lange, F et al. Reduced Programming Time and Strong Symptom Control Even in Chronic Course Through Imaging-Based DBS Programming. Front Neurol 2021 Nov 8;12:785529  
Image Guided programming in PD patients enables a reduction in programming time compared with standard clinical based programming (p=39).\*\*Image Guided programming in PD patients enables a reduction in programming time compared with standard clinical based programming (p=39).

Results from different clinical investigations are not directly comparable. Information provided for educational purposes only.  
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## SCIENTIFIC COMMITTEE

Medical Center -  
University of Freiburg

Division of Interventional  
Biological Psychiatry  
Prof. Dr. Thomas Schläpfer  
Hauptstraße 5  
79104 Freiburg im Breisgau

Department of Stereotactic and  
Functional Neurosurgery  
Prof. Dr. Volker Arnd Coenen  
Dr. Bastian Sajonz  
Breisacher Str. 64  
79106 Freiburg im Breisgau

Conference organisation  
Medical Center - University of Freiburg  
Eventmanagement  
Breisacher Str. 153  
79110 Freiburg im Breisgau  
+49 761 270 84611  
[veranstaltung@uniklinik-freiburg.de](mailto:veranstaltung@uniklinik-freiburg.de)



## General Conference Information

### VENUE

#### Hotel Stadt Freiburg

Tagungszentrum im Berliner Tor  
 Breisacherstr. 84  
 79110 Freiburg im Breisgau

## PROGRAM Thursday 24<sup>th</sup> October 2024

### Satellite meeting DBS in Depression Interest Group (DBS DIG) (Hybrid)

- 13:00 DBS DIG Lunch
- 14:00 - Meeting DBS DIG
- 16:00 Invited members DBS-DIG

### Satellite meeting

- 16:00 Board Meeting Center for DBS, Freiburg  
 Invited members CDBSF

### Start of main program

- 17:00 **Welcome**  
 Prof. Dr. Wenz, CEO of the University Hospital Freiburg
- 17:10 **Welcome**  
 Prof. Dr. Thimme, Medical Faculty of Freiburg University
- 17:20 **Welcome**  
 Prof. Domschke, Director of the  
 Department of Psychiatry and Psychotherapy, Freiburg

### Opening remarks

- 17:30 - *Lecture*
- 18:30 **Two decades, two targets. Lessons for the design of future studies of DBS for depression**  
 T. Schläpfer, Freiburg

### Key-note

- 18:30 - *Opening key-note lecture*
- 19:30 **Rethinking Depression**  
 H. Mayberg, New York
- 20:00 **Dinner**

**PROGRAM**  
Friday 25<sup>th</sup> October 2024

- 08:00 - Welcome  
08:10
- 08:10 - *Lecture*  
08:50 **Highways and byways in the history of psychiatric surgery between 1935 und 1975**  
C. Moll, Hamburg
- 08:50 - *Lecture*  
09:30 **The role of lesioning for psychiatric indications in a DBS world - the case of Gamma-Knife radiosurgery**  
S. Sheth, Houston
- 09:30 - *Lecture*  
10:10 **DBS in TR-OCD - Amsterdam experience**  
R. Schuurman, Amsterdam
- 10:10 Coffee break
- TR-OCD**
- 10:30 - *Lecture*  
11:10 **DBS in OCD - lessons learned in the search for the optimal target**  
B. Nuttin, Leuven
- 11:10 - *Lecture*  
11:50 **Neurocognitive mechanisms of STN DBS in OCD**  
M. Polosan (virtual), Grenoble
- 11:50 - *Lecture*  
12:30 **Neurobehavioral signals in OCD**  
N. Provenza, Houston
- 12:30 - *Lecture*  
13:10 **BNST DBS for OCD**  
T. Coyne, Brisbane
- 13:10 Lunch

**PROGRAM**  
Friday 25<sup>th</sup> October 2024

- TR-MDD**
- 14:15 - *Lecture*  
14:55 **DBS for Binge Eating and beyond**  
C. Halpern (virtual), Philadelphia
- 14:55 - *Lecture*  
15:35 **VNS for TR-MDD**  
C. Conway (virtual), St. Louis
- 15:35 - *Lecture*  
16:15 **Causal Mapping: From Connectomic Deep Brain Stimulation toward the 'Human Dysfuncome'**  
A. Horn (virtual), Boston
- 16:15 Coffee break
- Title**
- 17:00 - *Lecture*  
17:40 **Experience with sIMFB DBS in severe TRD - modulating the reward system**  
A. Fenoy, New York
- 17:40 - *Lecture*  
18:20 **Utilization of DBS in psychiatric indications - where are we?**  
D. Denys, Amsterdam
- 18:20 - *Lecture*  
19:00 **Should we worry about personality changes after DBS for depression?**  
I. Bergfeld, Amsterdam
- Key-note**
- 19:00 - *Pre dinner key-note*  
20:00 **Hubs and Interaction: The Brain's Meta-loop**  
C. Weiller, Freiburg
- 20:30 Dinner

**PROGRAM**  
Saturday 26<sup>th</sup> October 2024

08:00 - 08:10	Welcome
	<b>Less frequent indications</b>
08:10 - 08:50	<i>Lecture</i> <b>How to Stop the Action – Mechanistic Insights into DBS for Gilles de la Tourette Syndrome</b> J.C. Baldermann, Freiburg
08:50 - 09:30	<i>Lecture</i> <b>DBS of the NBM in Alzheimer's Disease: Investigation of connectivity</b> V. Visser-Vandewalle
09:30 - 10:10	<i>Lecture / Discussion</i> <b>DBS in PTSD</b> C. Hamani, Toronto
10:10	Coffee break
	<b>Disruptive / New technologies</b> (P. Reinacher, Freiburg)
10:30 - 11:10	<i>Lecture</i> <b>The identification of future responders to DBS in TRD</b> P. Riva-Posse, Atlanta
11:10 - 11:50	<i>Lecture</i> <b>Personalized, Closed-Loop Deep Brain Stimulation for Severe Treatment-Resistant Depression</b> A. Krystal, San Francisco
11:50 - 12:30	<i>Lecture</i> <b>sEEG-guided DBS for TRD</b> S. Sheth (virtual), Houston & N. Pouratian Fort Worth/Dallas
12:30 - 13:10	<i>Lecture</i> <b>Clinical ECS trial</b> C. Normann, Freiburg
13:10	Lunch

**PROGRAM**  
Saturday 26<sup>th</sup> October 2024

	<b>Sensing/Electrophysiology</b>
14:15 - 14:55	<i>Lecture</i> <b>Biomarkers to follow neuropsychiatric diseases</b> C. DeHemptinne
14:55 - 15:35	<i>Lecture</i> <b>Electrophysiologically Validated Methods for Connectomic DBS Modeling in Psychiatric Applications</b> C. McIntyre (virtual), Durham
15:35 - 16:15	<i>Lecture</i> <b>New technologies</b> H. Tan, Oxford
16:15	Coffee break
	<b>Late breaking talk</b>
17:00 - 17:30	<i>Lecture</i> <b>Evolution of tractography-based DBS targeting for psychiatric indications</b> Ki Sueng Choi, New York
	<b>Key-note</b>
17:30 - 18:30	<i>"The last lecture"</i> <b>When to Hold'em and When to Fold'em: Why do surgical trials fail and what to do next</b> R. Gross, Newark
18:30	<b>Closing remarks</b> Schlöpfer/Coenen
19:00	END of program

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**NOTES**

**Main Sponsor**

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