

# Plenary sessions

We are excited to highlight the diverse plenary sessions featured at this year's WSSFN Congress, which promise to deliver groundbreaking neurosurgery insights and foster invaluable discussions among our multidisciplinary community:

## Plenary Session 01

**September 4, 2024, 08:00 AM – 10:00 AM**

### **Vevey Hall**

Welcome

08:00 AM – 08:15 AM

- [Sameer A. Sheth\(United States of America\)](#)

Presidential Address

08:15 AM – 08:40 AM

- [Konstantin V. Slavin\(United States of America\)](#)

Speech Decoding

08:40 AM – 09:00 AM

- [Edward Chang\(United States of America\)](#)

Computational Approaches to Seizure Prediction/Forecasting

09:00 AM – 09:20 AM

- [Sridevi Sarma\(United States of America\)](#)

Novel electrode technology for intracranial recording

09:20 AM – 09:40 AM

- [Shadi Dayeh\(United States of America\)](#)

Closed loop deep brain stimulation

09:40 AM – 10:00 AM

- [Philip Starr\(United States of America\)](#)

## **Plenary Session 02**

**September 5, 2024, 08:15 AM – 10:55 AM**

**Vevey Hall**

U.S. BRAIN Initiative

08:15 AM – 08:35 AM

- [John Ngai\(United States of America\)](#)

Symptom-tract Relationships in DBS

08:35 AM – 08:55 AM

- [Andreas Horn\(United States of America\)](#)

Awake vs. asleep DBS for ET

08:55 AM – 09:15 AM

- [Patric Blomstedt\(Sweden\)](#)

The future of psychiatric neurosurgery

09:15 AM – 09:35 AM

- [Bart Nuttin\(Belgium\)](#)

Naturalistic Neurobehavioral Investigations in Psychiatric Disorders

09:35 AM – 09:55 AM

- [Nicole R. Provenza\(United States of America\)](#)

Implications of optogenetics research for neuropsychiatric disorders

09:55 AM – 10:15 AM

- [Karl Deisseroth\(United States of America\)](#)

Functional Neurosurgery in Developing Countries. Role of WSSFN in Expanding Horizons, Education, Training

10:15 AM – 10:35 AM

- [Paresh K. Doshi\(India\)](#)

Ethical considerations in functional neurosurgery

10:35 AM – 10:55 AM

- [Ashley Feinsinger\(United States of America\)](#)

## **Plenary Session 03**

**September 6, 2024, 08:15 AM – 10:35 AM**

**Vevey Hall**

Trigeminal neuralgia

08:15 AM – 08:35 AM

- [Mojgan Hodaie\(Canada\)](#)

The Pendulum of Movement Disorder Surgery

08:35 AM – 08:55 AM

- [Joachim K. Krauss\(Germany\)](#)

Intracranial neural signatures of pain disorders

08:55 AM – 09:15 AM

- [Prasad Shirvalkar\(United States of America\)](#)

The future of radiosurgery

09:15 AM – 09:35 AM

- [Michael Schulder\(United States of America\)](#)

Closed loop neurostimulation for non-motor/memory indications

09:35 AM – 09:55 AM

- [Itzhak Fried\(United States of America\)](#)

Commercial applications of brain-computer interface research

09:55 AM – 10:15 AM

- [Jaimie M. Henderson\(United States of America\)](#)

AI implications in S/F neurosurgery

10:15 AM – 10:35 AM

- [Terry Sejnowski\(United States of America\)](#)