



WSSFN

18TH
BIENNIAL MEETING OF THE
WORLD SOCIETY FOR
STEREOTACTIC AND
FUNCTIONAL NEUROSURGERY



HILTON MIDTOWN
NEW YORK CITY

JUNE 24-27
2019

WS05 DBS Workshop

Monday, June 24, 2019

08:00 - 12:00

Clinton

This workshop will provide an introduction to stereotactic functional neurosurgery and deep brain stimulation, as well as an overview of the latest development within the field. Basic areas are covered, such as stereotactic principles, frame based/frameless procedures and awake/asleep surgery, but also new possibilities and challenges, such as directional leads and cyber security. Established indications within movement disorders will be discussed as well as novel indications such as epilepsy, depression, Alzheimer's disease and anorexia.

Coordinator: Patric Blomstedt (Sweden)

Chair: Alon Mogilner (USA)

Chair: Erica Petersen (USA)

Methods of stereotaxy, Cartesian coordinates, frame application

Invited Speaker: Sandeep Vaishya (India)

NexFrame and Starfix systems

Invited Speaker: Jim McNerney (USA)

Neuromodulation for movement disorders – technique, indications and current outcomes

Invited Speaker: Nico Enslin (South Africa)

Cyber-Security in Neuromodulation systems

Invited Speaker: Erica Petersen (USA)

Hands-On Integration

Invited Speaker: Willard Kasoff (USA)

Neuromodulation for epilepsy

Invited Speaker: Jon Willie (USA)

Neuromodulation for novel indications: Depression, Alzheimers, Anorexia

Invited Speaker: Nir Lipsman (Canada)

DBS complications

Invited Speaker: Caio Matias (Brazil)

Asleep DBS and Directional Leads

Invited Speaker: Francisco Ponce (USA)

Mechanisms of tremor reduction and ataxia in thalamic DBS

Invited Speaker: Jens Volkmann (Germany)