



# WSSFN



18<sup>TH</sup>

BIENNIAL MEETING OF THE  
WORLD SOCIETY FOR  
STEREOTACTIC AND  
FUNCTIONAL NEUROSURGERY



HILTON MIDTOWN  
NEW YORK CITY

JUNE 24-27  
2019

## WS01 Electrophysiology Workshop

Monday, June 24, 2019

08:00 - 12:00

Grand Ballroom East

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Coordinator: Aysegul Gunduz (USA)

Chair: Bill Hutchinson (Canada)

Chair: TBA

**Basics of MER (physiological basis, firing patterns, how to read MER, troubleshooting MER noise in OR) Techniques in microelectrode recording**  
Invited Speaker: Ron Levy (Canada)

**Understanding LFP and application for adaptive DBS**  
Invited Speaker: Aysegul Gunduz (USA)

**MER in PD, tremors and dystonia (including VEPs)**  
Invited Speaker: Bill Hutchinson (Canada)

**Physiology of the thalamus and basal ganglia in movement disorder surgery**  
Invited Speaker: Wael Asaad (USA)

**Current models of basal ganglia circuitry**  
Invited Speaker: Kai Miller (USA)

**Hands On Integration (FHC and AO systems)**  
Invited Speaker: Chuck Mikell (USA)

**Selected cases: recordings and interpretation**  
Invited Speaker: Michael Pourfar (USA)

**Effect of sedation and anesthesia on recordings**  
Invited Speaker: Zvi Israel (Israel)

**Neural rhythms in MD surgery**  
Invited Speaker: Kareem Zaghoul (USA)