

**WSSFN Quadrennial Meeting**  
**May 24-27, 2009**  
**Fairmont Royal York Hotel, Toronto, Canada**

**Sunday, May 24, 2009**

**Registration opens at 12:00 Noon**

**1:00 PM – 5:00 PM**

**Workshop S1: Stereotactic Approaches: Technical Advances**

DBS: Medtronic  
DBS: Rapid Prototyping  
Frame-Based DBS Advances  
Stereotactic Atlases  
SRS: Cyberknife  
SRS: Novalis

**Workshop S2: Building a Functional Neurosurgery Program**

Clinical Practice: Movement Disorders  
Clinical Practice: Pain  
Clinical Practice: Emerging  
Research: Basic Science  
Research: Clinical  
Marketing

**9:00 AM – 5:00 PM**

**Symposium S3: Microelectrode Recording and Intraoperative Electrophysiology**

Interested attendees are invited to submit abstracts for this symposium to the chairs. This program will be organized separately from the WSSFN meeting itself. Lunch will be provided, and registration will be \$100 (not included as part of the WSSFN Meeting registration).

9:00 AM - 3:00 PM – Microelectrode Recording  
3:00 PM – 5:00 PM – Intraoperative Monitoring

**6:30 PM – 9:00 PM**

**Opening Reception Fairmont Hotel**

# Monday, May 25, 2009

## 7:00 AM

**Continental Breakfast and Registration**

## 7:15 AM – 8:15 AM

**Breakfast Seminar MB I: Neuromodulation for Pain**

Peripheral Nerve Stimulation for Pain

Spinal

Intrathecal

**Breakfast Seminar MB II: Intraoperative Imaging**

iMRI

iMRI

iCT

iUS

**Breakfast Seminar MB III: Global Standards for Functional NS**

South America

Middle East

Africa

South Asia

East Asia

## 8:30 AM – 12:00 Noon

**Plenary Session I: Emerging Indications**

8:30 AM – 9:10 AM

**Presidential Address**

9:10 AM – 10:30 AM

Papers - (5 papers - 8 minute presentation – 5 minute discussion)

10:30 AM – 10:50 AM

**Break**

10:50 AM – 11:50 AM

Papers - (4 papers – 8 minute presentation – 5 minute discussion)

**Spiegel and Wycis Awards**

11:50 – 12:00 Noon

## Noon – 1:30 PM

**Sit Down Lunch**

History of the WSSFN

**1:30 PM – 5:30 PM**

**Afternoon Session I: Pain**

1:30 PM – 2:00 PM

**Keynote Address: Imaging and Brain Function**

2:00 PM – 3:00 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

3:00 PM – 3:30 PM

**Break**

3:30 PM – 4:30 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

**Afternoon Session II: Epilepsy**

1:30 PM – 2:00 PM

**Keynote Address: The Present and Future Management of Patients with Epilepsy**

2:00 PM – 3:00 PM

Papers - (4 Papers - 8 minute presentation – 5 minute discussion)

3:00 PM – 3:30 PM

**Break**

3:30 PM – 4:30 PM

4 Papers – (8 minute presentation – 5 minute discussion)

**4:30 PM – 5:00 PM**

**Afternoon Plenary Session I-II**

**Debate: MCS is an Effective Treatment for Pain**

**5:00 PM – 5:30 PM**

**Afternoon Session I-II**

**Debate: SRS Can Cure Epilepsy**

# Tuesday, May 26, 2009

## 7:00 AM

**Continental Breakfast**

## 7:15 AM – 8:15 AM

**Breakfast Seminar TM I: DBS of the PPN: Impact of Location**

Europe

Australia / Oceania

North America

**Breakfast Seminar TM II: Functional Radiosurgery**

Movement Disorders

Epilepsy

Pain

**Breakfast Seminar TM III: Psychiatric Neurosurgery and Society: Worldwide Experience**

Japan

Europe

North America

## 8:30 AM – 12:00 Noon

**Plenary Session II: Psychiatric Disorders**

8:30 AM – 8:35 AM

Welcome

8:35 AM – 9:05 AM

**Keynote Address: The Science of Modern Psychiatric Neurosurgery**

9:05 AM – 10:30 AM

Papers – (5 Papers - 8 minute presentation – 5 minute discussion)

10:30 AM – 10:55 AM

**Break**

10:50 AM – 12:00 Noon

Papers - (4 papers – 8 minute presentation – 5 minute discussion)

## Noon – 1:30 PM

**Buffet (box) Lunch**

Poster Viewing and Judging

WSSFN Board of Directors Meeting

**1:30 PM – 5:30 PM**

**Afternoon Session III: Psychiatric Disorders**

1:30 PM – 2:00 PM

**Keynote Address: A Psychiatric Primer for Neurosurgeons**

2:00 PM – 3:00 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

3:00 PM – 3:30 PM

**Break**

3:30 PM – 4:30 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

**Afternoon Session IV: Neuronavigation**

1:30 PM – 2:00 PM

**Keynote Address: Stem Cells and Brain Tumors**

2:00 PM – 3:00 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

3:00 PM – 3:30 PM

**Break**

3:30 PM – 4:30 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

**4:30 PM – 5:00 PM**

**Afternoon Session III-IV**

**Debate: Frames are Obsolete**

**5:00 PM – 5:30 PM**

**Afternoon Session III-IV**

**Debate: Lesioning for Psychiatric Disorders is Obsolete**

**6:30 PM – 10:00 PM**

**Gala Reception and Dinner**

CN Tower

**Wednesday, May 27, 2009**

**7:00 AM**

**Breakfast**

**7:15 AM – 8:15 AM**

**Breakfast Seminar WB I: DBS for Epilepsy**

Hippocampus

Thalamus

Neuropace

**Breakfast Seminar WB II: Surgical Treatment of NPH**

Pathophysiology

Diagnosis of NPH

Surgery

**Breakfast Seminar WB III: Surgical Treatment of Spasticity**

Dorsal Rhizotomy

Intrathecal Infusion

Neurotomy

**8:30 AM – 11:40 AM**

**Plenary Session III: Movement Disorders**

8:30 AM – 8:35 AM

Welcome

8:35 AM – 9:05 AM

**Keynote Address: Quo Vadis?**

9:05 AM – 10:20 AM

Papers – (5 Papers - 8 minute presentation – 5 minute discussion)

10:20 AM – 10:40 AM

**Break**

10:40 AM – 11:40 AM

Papers- (4 papers – 8 minute presentation – 5 minute discussion)

**11:40 AM – 12:00 Noon**

**WSSFN Business Meeting**

**Noon – 1:30 PM**

**Sit Down Lunch**

**History Talk**

**Personal Reflections on Functional Neurosurgery**

**Afternoon Session IV: Movement Disorders**

1:30 PM – 2:00 PM: **Keynote Address: The New and Old Motor Systems**

2:00 PM – 3:00 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

3:00 PM – 3:30 PM

**Break**

**Afternoon Session IV: Emerging Indications**

3:30 PM – 4:00 PM

**Keynote Address: The Brain Machine Interface: Fact or Fantasy?**

4:00 PM – 5:00 PM

Papers – (4 Papers - 8 minute presentation – 5 minute discussion)

**5:00 PM – 5:30 PM**

**Closing Ceremony**

Resident Awards