



Preliminary Program Schedule (as of 5/10/16 mm)
CSF Flow Group / IHIWG Meeting
Thursday, May 26 – Friday, May 27, 2016
Washington Marriott Wardman Park
Maryland (Lobby Level)
Washington, D.C.



CSF Flow Group/IHIWG and ASNR gratefully acknowledges the generous support of

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Thursday, May 26, 2016

12:00pm – 1:00pm

Hosted Lunch with Voucher Concession Stands

12:50pm – 1:00pm

Welcome

William G. Bradley, Jr., MD, PhD, FACR & Harold L. Rekate, MD

1:00pm – 3:00pm

Causes and Effects of Hydrocephalus

Moderator: Harold L. Rekate, MD

1:00pm – 1:20pm

Importance of Pulsatility in the Pathophysiology
Joseph R. Madsen, MD

1:20pm – 1:40pm

Role of Bulk Flow and its Restriction
Harold L. Rekate, MD

1:40pm – 2:00pm

Using High Amplitude ICP Waves to Predict Shuntability
Erika Lindstrom, PhD

2:00pm – 2:20pm

Neuroradiology Research on Idiopathic Intracranial Hypertension
Claudia F.E. Kirsch, MD

2:20pm – 2:40pm

Focused Discussion
Thomas Heldt, PhD

2:40pm – 3:00pm

Questions & Answers

3:00pm – 3:30pm

Hosted Afternoon Beverage Break

3:30pm – 4:30pm

Symptoms and Flow

Moderator: James Holsapple, MD

3:30pm – 3:50pm

Deep White Matter Ischemia Causes Symptoms
William G. Bradley, Jr., MD, PhD

3:50pm – 4:10pm

Decreased Periventricular Perfusion Causes Symptoms
Elna-Marie Larsson, MD, PhD

4:10pm – 4:30pm

Questions & Answers



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Thursday, May 26, 2016 (continued)

4:30pm – 5:50pm	Symptoms and Flow (continued) <i>Moderator: James Holsapple, MD</i>
4:30pm – 4:50pm	TimeSLIP Physics and General Applications Mitsue Miyazaki, PhD
4:50pm – 5:10pm	TimeSLIP in NPH Meng Law, MD, MBBS, FRACR & Wende N. Gibbs, MD, MA
5:10pm – 5:30pm	Advanced PC-MRI for CSF (and Blood) Flow Kezhou Wang, PhD
5:30pm – 5:50pm	Questions & Answers
6:30pm – 7:30pm	Reception – Roosevelt 1 (Exhibition Level) at the Washington Marriott Wardman Park
7:30pm – 10:00pm	Dinner – Roosevelt 2-3 (Exhibition Level) at the Washington Marriott Wardman Park

Friday, May 27, 2016

7:00am – 8:00am	Hosted Breakfast with Voucher Concession Stands
8:00am – 9:00am	Keynote Presentations <i>Moderator: William G. Bradley, Jr., MD, PhD</i>
8:00am – 8:20am	New Concepts on CSF Production and Uptake J. Pat McAllister, PhD
8:20am – 8:40am	CSF Hydrodynamics From a Perspective of Biomechanics and Imaging Victor M. Haughton, MD & Erika Lindstrom, PhD
8:40am – 9:00am	Questions & Answers



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Friday, May 27, 2016 (continued)

9:00am – 10:20am	Dynamic Assessment of Chiari Malformation <i>Moderator: Mark Luciano, MD</i>
9:00am – 9:20am	Real Time, Phase-Contrast MR Measurements of CSF Flow Demonstrates the Effects of Respiration on CSF Pulsation John Oshinski, PhD
9:20am – 9:40am	Cerebellar and Brain Stem Deformation Assessment of Chiari Malformation Bryn Martin, PhD
9:40am – 10:00am	Cerebrospinal Fluid Velocity Amplitudes within the Aqueduct of Sylvius in Pediatric Healthy Subjects and Patients with Chiari I Malformation Rajiv Bapuraj, MD
10:00am – 10:20am	Questions & Answers
10:20am – 11:00am	Hosted Morning Beverage Break
11:00am – 12:10pm	Static Assessment of Chiari Malformation <i>Moderator: Bryn Martin, PhD</i>
10:50am – 11:10am	A Comprehensive MRI-Based Morphometric Characterization of Classical CMI Patients Aintzane Urbizu, PhD
11:10am – 11:30am	Diffusion Tensor Imaging in Chiari Malformations: Brainstem Diffusivity Analysis and Correlation with Chiari Symptomatology Mojgan Hodaie, MD, MSc, FRCS(C)
11:30am – 11:50am	Anatomical and Advanced Imaging of Chiari Malformations: Helpful or Confusing? Thierry A.G.M. Huisman, MD
11:50am – 12:10pm	Questions & Answers
12:10pm – 1:10pm	Hosted Lunch with Voucher Concession Stands



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Friday, May 27, 2016 (continued)

1:10pm – 2:50pm

Syringomyelia and “Complex Chiari”

Moderator: Harold L. Rekate, MD

1:10pm – 1:30pm

VIIP-Related Globe Deformations are Linked to CSF Volume Increase

Noam Alperin, PhD

1:30pm – 1:50pm

Prospective Registry of Chiari I by the Chiari Syringomyelia Foundation

Mark Luciano, MD, PhD

1:50pm – 2:10pm

Syringomyelia Associated with Arachnoid Webs and Diverticula

John Heiss, MD

2:10pm – 2:30pm

Imaging in Children Explains the Chiari I Deformity

Charles A. Raybaud, MD

2:30pm – 2:50pm

Questions & Answers

2:50pm – 3:20pm

Hosted Afternoon Beverage Break

3:20pm – 4:40pm

Syringomyelia and “Complex Chiari” (continued)

Moderator: Harold L. Rekate, MD

3:20pm – 3:40pm

Cervicomedullary Syndrome

Fraser C. Henderson, Sr., MD

3:40pm – 4:00pm

Chiari I Connective Tissue Disorder and Dysautonomia

Harold L. Rekate, MD

4:00pm – 4:20pm

Evaluation of Pediatric Hydrocephalus Utilizing T2-Weighted MR Imaging and

Supervised Water Soluble Contrast Ventriculography

Hervey D. Segall, MD

4:20pm – 4:40pm

Closing Remarks and ISHCSF in Cartagena, Colombia from October 8 – 10, 2016

Harold L. Rekate, MD