



Final Program Schedule
ASNR CSF Flow Group / IHIWG Meeting
Wednesday, June 6 – Thursday, June 7, 2018
Vancouver Convention Centre East
Vancouver, BC, Canada



WEDNESDAY, JUNE 6TH

Breakfast with all ASNR attendees - Meeting Room A

Welcome: 8:00-8:05 am Hal Rekate

Chiari I (part 1): 8:05-9:00 am Session chair: Hal Rekate
Jim Barkovich "Chiari definition, craniocervical junction"
Vic Haughton "CSF dynamics in the pathogenesis of syringomyelia"

How to Session/Morning Break

Chiari I (part 2): 10:30-12:00 am Session chair: Ari Blitz
Concezio di Rocco "The Chiari anomaly"
Charles Raybaud "The Chiari deformity"
Ash Singhal "Clinical assessment of Chiari I"

Lunch

Hydrocephalus: 1:15-2:45 pm Session chair: Frank Mihlon
Ari Blitz "Classification of hydrocephalus"
Mark Wagshul "The effect of shunt failure and revision on brain stiffness"
John III Huston "MR elastography differentiates NPH from other common dementias"
Pat McAllister "Advanced neuroimaging in infant ferrets with post-hemorrhagic hydrocephalus: DTI, DBSI, and MRE"

Afternoon Break

CSF pulsatility: 3:00-4:30 pm Session chair: Olivier Balédent
Nicole Keong "Morphology of DTI profiles in NPH"
Juan Lasheras "SAVE - a strain-accumulation visco-elastic hypothesis for the onset of normal pressure hydrocephalus"
Per Kristian Eide "Intracranial pulsatility and CSF flow in NPH"
Harold Rekate "Separating the effects of pulsation and resistance to flow in hydrocephalus"

CNS solute transport part 1: 4:45-6:15 pm Session chair: Vartan Kurtcuoglu
Lynne Bilston "Modelling of perivascular flow"
K. Sharpe "Numerical modeling predicts that basement membrane solute transport in the CNS cannot be explained by bulk flow nor by shear-augmented dispersion"
Daniel Reich "Human and nonhuman primate meninges harbor lymphatic vessels that can be visualized noninvasively by MRI"
Steven Proulx "Outflow of CSF is predominantly through lymphatic vessels in mice"



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THURSDAY, JUNE 7TH

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CNS solute transport part 2: 8:00-9:00 am Session chair: Bryn Martin
Helene Beneviste “Quantitative CSF transport studies in animal models of small vessel disease”
Roxana Aldea “Modelling cerebral interstitial flows and their failure in Alzheimer’s disease”
Vartan Kurtcuoglu “Next steps in the study of CNS solute transport”

How to Session/Morning Break

CSF flow: 10:30-12:00 pm Session chair: Mark Wagshul
Vegard Vinje “ICP modeling during infusion test”
Olivier Baledent “CSF flow versus cerebral blood flow”
Claudia Kirsch “Volumetric assessment of IHH”
Bryn Martin “Steady streaming: Computational fluid dynamics predicts non-zero time-averaged intrathecal CSF flow”

Closing remarks and invitation to IHIWG at Hydrocephalus 2018 in Bologna, Italy