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# 2<sup>nd</sup> CSF DYNAMICS SYMPOSIUM

July 24th and 25th, 2013

Feinstein Institute for Medical Research

Manhasset, New York, U.S.A.

Conference Chairs

Bryn Martin (University of Akron, U.S.A.)

Shaakoon Cheng (Neuroscience Research, Australia)

Lynne Bilston (Neuroscience Research, Australia)

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The number of investigators conducting numerical and experimental simulations to better understand the dynamics of cerebrospinal fluid (CSF) has continued to increase since the 1<sup>st</sup> International CSF Dynamics Symposium held in Zurich, Switzerland. Building on this momentum, we have planned the 2<sup>nd</sup> International CSF Dynamics Symposium to continue exchange of ideas toward modeling of CSF.

Similar to the first meeting, the symposium will be engineering/physics focused on the motion of cerebrospinal fluid. Approximately 30-40 invited speakers from around the world will present their research that involves either experiments or computational methods to better understand normal physiology and diseases related to CSF motion, such as Chiari malformation, syringomyelia and hydrocephalus. While the focus of this symposium will be on modeling, rather than on clinical solutions, neurosurgeons will be present to lead a discussion on the challenges of translating engineering and physics analyses into clinically relevant results. Nevertheless, the focus will clearly be on modeling and how it can help rather than on clinical solutions.

Invited speakers will incur no conference related fees to attend this two-day event but will be required to pay their own travel and lodging expenses. In addition, breakfast, lunch and dinner will be provided thanks to a generous sponsorship from the Chiari & Syringomyelia Foundation, which was made possible by the support of The Monkton Institute. The presentations will be longer compared to those at a typical conference to allow for a detailed description of the research. In addition, significant discussion time will be given as well as free time for researchers to get to know each other. The symposium will be held in beautiful Manhasset NY at the Feinstein Institute for Medical Research at Long Island, New York just 30 minutes from Manhattan and 20 minutes from New York LaGuardia Airport. All presentations will be video recorded and posted, with free access, on the Chiari & Syringomyelia Foundation's web site ([www.CSFinfo.org](http://www.CSFinfo.org)) in order to maximize exposure of the symposium research idea transfer.

For more information please visit: <http://www.csfdynamics.org>