Programme of the Stirling Meeting
Regulations for Poster Presenters
Fees and Travel Arrangements

Please note!
Early registration with reduced rates ends on
May 15\textsuperscript{th} 2016.

Programme
SRHSB Stirling Scotland 2016
Wednesday 29\textsuperscript{th} June to Saturday 2\textsuperscript{nd} July 2016
University of Stirling

\textbf{Wednesday 29\textsuperscript{th} June}
\textbf{Executive Timings only}
10.30 – 13.30 Executive Meeting (with Lunch)

\textbf{Conference opens for delegates}
\textbf{REGISTRATION}
12.30 – 19.00 (Local Organizing Committee/SBHScotland)

13.00 – 17.00 Pre Meetings
Experimental Hydrocephalus (Hazel Jones)
Clinical Cases (Roger Bayston; Marcus Pauly)
18:30 Coaches leave for Dan Young Building (The Spina Bifida Hydrocephalus Scotland Family Support Centre)
19.00 Welcome Reception by the Minister for Health Quality, Scottish Government and Informal Presentations by SBHScotland staff.
21.00 Coaches return to Stirling Court Hotel

\textbf{Thursday 30\textsuperscript{th} June}
\textbf{REGISTRATION}
08.00 – 13.30 (Local Organizing Committee/SBHScotland)
8.45 Opening Remarks Andy Wynd and Rhoda Abel

9.00 – 11.00 Special Symposium: Genetics of Hydrocephalus and Spina Bifida
Chair: Jo Glazier, Margo Whiteford
  Dr. Kate Storey - Mechanisms regulating neural differentiation
  Prof Andrew Copp - Genetic requirements for fusion of the neural folds as the neural tube closes

11.00 - 11.15 Coffee

11.15 - 12.30 Session 1 NTD: From embryogenesis to clinical aspects
  Chairs: Carole Sobkowiak, Andrew Copp
  11.15 – 11.30 (Paper 1) Inositol for prevention of neural tube defects: the PONTI pilot randomised controlled trial
  11.30 – 11.45 (Paper 2) Fusion of the neural folds during neural tube closure: defining the genetic basis
  Andrew J. Copp, Ana Rolo, Dawn Savery, Sarah Escuin, Sandra C. De Castro, Hannah E. J. Armer, Peter M. G. Munro, Matteo A. Mole, Nicholas D. E. Greene, London, UK
  11.45 – 12.00 (Paper 3) Incidence of Tethered cord in children with Sacral Dimple
  Kashif Chauhan, Mayriam Guessoum, Gulwish Moghul, Nia Fraser, Alan Williams, Sharon Scriven, Manoj Shenoy, Nottingham, UK
  12.00 – 12.15 (Paper 4) Health Care Problems of Refugees with Spina Bifida in Germany
  Reinhold Cremer, Cologne, Germany

12.20 Society Photograph
12.40 – 13.40 Lunch

14:00 Coaches Leave
15:00 Society Outing and Loch Lomond Cruise
17:15 Coaches leave to return to Stirling Court Hotel
19.00 Dinner at Stirling Court Hotel

Friday 1st July

REGISTRATION
08.00 – 13.30 (Local Organizing Committee/ SBHScotland)
09.00 – 09.45 **Special Lecture 1**: Mark Hamilton – The Role for Endoscopic Third Ventrilocystomy in the Adult Hydrocephalus Patient  
**Chair**: Pat McAllister  

10.00 -10.45 **Session 2 Neurosurgery**  
**Chair**: Mark Hamilton, Maria Cartmill  
10.00 – 10.15 (Paper 5) Endoscopic Third Ventrilocystomy in the Under Ones is a Successful Strategy for Managing Hydrocephalus  
Maya Kommer, Emer Campbell, Roddy O’Kane, Glasgow, UK  
10.15 – 10.30 (Paper 6) Flexible Neuroendoscopy: A Buyer’s Guide  
Aditaya Kumar, Emer Campbell, Roddy O’Kane, Glasgow, UK  
10.30 – 10.45 (Paper 7) Title: Lumbar-Peritoneal Shunting in Hydrocephalus: Preventing Chiari Malformations and Decreasing Shunt Revisions  
Carolyn Harris, Neena I. Marupudi, Tanya Pavri, Rasanjeet Singh, Abilash Haridas, Steven D. Ham D.O., Sandeep Sood,, Detroit, Michigan, USA  
10.45 – 11.00 Coffee  
11.00 – 12.30 **Session 3 Guthkelch Award Finalists**  
**Chairs**: Carolyn Harris; Montserrat Guerra  
11.00 - 11.15 (Paper 8) Mortality of patients with myelomeningocele - a population based study  
Joel Haakon Borgstedt-Bakke, Mikkel Mylius Rasmussen Aarhus, Denmark  
11.15 – 11.30 (Paper 9) Corpus callosum structure and auditory interhemispheric transfer in spina bifida myelomeningocele  
Kailyn A. Bradley, Jenifer Juranek, Anna Romanowska-Pawliczek, H. Julia Hannay, Paul T. Cirino, Maureen Dennis, Larry A. Kramer, and Jack M. Fletcher Houston, TX, USA; New York, NY, USA; Toronto, ON, Canada  
11.30 – 11.45 (Paper 10) Aquaporin-1 expression in human choroid plexus development and its variation in Arnold Chiari type I and lissencephaly pathologies  
Leandro Castañeyra-Ruiz Agustín Castañeyra-Perdomo, Ibrahim González-Marrero, Emilia M.Carmona-Calero, Gundela Meyer, Leandro Castañeyra-Ruiz La Laguna, Tenerife, Islas Canarias, Spain; Puerto del Rosario, Fuerteventura, Spain; La Laguna, Tenerife, Islas Canarias, Spain  
11.45 – 12.00 (Paper 11) Potential protective role of reactive astrocytes in the periventricular parenchyma in congenital hydrocephalus
Neonatal hydrocephalus is a result of a block in folate handling and metabolism involving 10-formyl tetrahydrofolate dehydrogenase.

Cognitive rehabilitation of executive functions in adults with spina bifida: efficacy of goal management training


Ventricular zone disruption in human neonates with posthemorrhagic hydrocephalus

Neural stem cells differentiate into multiciliated ependymal cells in vitro and after grafting into the cerebrospinal fluid of hydrocephalic HTx rats

Brain viscoelasticity and headache in chronically shunted hydrocephalus using Magnetic Resonance Elastography
Kristy Tan, Avital Meiri, Adam L. Sandler, Rick Abbott, James T. Goodrich, Eric Barnhill, Mark E. Wagshul
Bronx, NY, USA; Berlin, Germany;

15.30 – 15.45 Coffee (Delegates encouraged to final view Posters)
15.45 -16.30 Special Lecture 2: Roger Bayston – The Zika Virus and Microcephaly: Influence of External Infectious Agents on the Fetus
Chair: Helen Williams
16.30 – 17.15 Session 5 Oral Poster Presentations 3-5 minutes each (6 posters)
Moderator: Andy Wynd; Waheed Ashraf
16.30 - 16.37 (Poster 1) Changes in clinical practice regarding brain imaging for patients with myelomeningocele and hydrocephalus due to increased awareness of risks from medical radiation
Gregory Smookler, Alexis Daevenport, Holly Lai, Los Angeles, USA
16.37 - 16.44 (Poster 2) Spinal dysraphism – experience of a southern Italy department and analysis of 141 cases
Carmen D’Aleo, Caltanissetta, Italy
16.44 - 16.51 (Poster 3) Enhanced attentional performance following pediatric goal management training in children with spina bifida: a pilot study
Jan Stubberud Anne-Kristine Schanke, Lisbeth C. Brøndberg, Marie Hoff, Karen Grimsrud, Wenche F. Wilhelmsen, Pål-Erik Plaum, Trond Haagensen, Tove Helland, Julie B. Berge, Astri Å. Andersen, Marianne Løvstad, Oslo, Norway
16.51 - 16.58 (Poster 4) A pilot study of pediatric goal management training in children with spina bifida: informant and self reports six months post-training
Jan Stubberud, Anne-Kristine Schanke, Lisbeth C. Brøndberg, Marie Hoff, Karen Grimsrud, Wenche F. Wilhelmsen, Pål-Erik Plaum, Trond Haagensen, Tove Helland, Julie B. Berge, Astri Å. Andersen, Marianne Løvstad, Oslo, Norway
16.58 - 17.05 (Poster 5) Closing the complex: a neurosurgical unit’s experience with open myelomeningoceles
Aditaya Kumar, Roddy O’Kane, Emer Campbell, Glasgow, UK

17.05 - 17.15 Coffee
17.15 - 17.45 **Session 6** History
Chair: Reinhold Cremer
17.15 - 17.30 **60th SRHSB Archivist Presentation** - Ewen A. McKinnon
17.30 – 17.45 **Scotland’s Contribution to Spina Bifida over the years** – Roddy O’Kane
19.00 Coaches leave for Annual Dinner and presentation of Guthkelch Award
19.30 Annual Dinner and with Guthkelch Award Winner Presentation at Stirling Castle
23:45 Coaches return to Stirling Court Hotel

**Saturday 2nd July**

**REGISTRATION**
09.00 – 13.30 (LOC/SBHScotland)

09.30 – 10.45 **Session 7 Hydrocephalus**
Chairs: Ian Pople, Laurence Watkins
09.30 - 09.45 (Paper 19) **Ventriculosubgaleal shunts can be used to delay permanent csf drainage in premature and low birth-weight babies**
Maya Kommer, Roddy O’Kane, Emer Campbell, Glasgow, UK
09.45 - 10.00 (Paper 20) **An audit of ventriculitis in external ventricular drainage after introduction of an antibacterial catheter over a seven year period.**
Liam Cain, Roger Bayston, Shazia Javed, Nottingham, UK
10.00 - 10.15 (Paper 21) **Reducing ventricular shunt malfunction in the adult patient**
Mark G. Hamilton, Geberth Urbaneja, Aaron Hockley, Albert Isaacs, Calgary, Canada
10.15 - 10.30 (Paper 22) **Investigating glial mechanisms of shunt obstruction in hydrocephalus**
Carolyn Harris, William Shain, Brian Hanak, M.D., Steven Ham, D.O. Detroit, Michigan, USA; Seattle, Washington, USA
10.30 - 10.45 (Paper 23) **Is cerebral ventricle filling a low pressure phenomenon?**
Helen Williams, London, UK.
10.45- 11.00 (Paper 24) **Surgery for intracranial arachnoid cysts in children—a prospective long-term study**
Katrin Rabiei, Mats Johansson Högfeldt, Roberto Doria-Medina, Magnus Tisell
Gothenburg, Sweden
11.00 – 11.15 Coffee
11.15 – 12.30 **Session 8 Urology and Psychology**
Chair: Chris Driver; David Nash
Peeraully R, Lam C, Mediratta N, Williams A, Shenoy M, Fraser N, Nottingham, UK

11.30 - 11.45 (Paper 26) Outcomes of urinary incontinence surgeries in spina bifida patients.
Vinod Raj, Varun Hatiramani, Swathi Krishna, Santosh Karmarkar, Mumbai, India

11.45 - 12.00 (Paper 27) Stronger links, stronger families; supporting families affected by spina bifida and hydrocephalus to be all they can be
Sophie Teear, Rachel Lawson, Kim McKay, Vikki Rothero, Cumbernauld, UK

12.00 - 12.15 (Paper 28) Developing a screening methodology for improving quality of life in children and young people with hydrocephalus.
Chloe Geagan, Kirsten Verity, Edinburgh, UK

12.15 – 12.45 Break – (Packed Lunch collection) (judges discussion)

12.45 -13.00 Welcome to St. Louis – Pat McAllister

13.00 – 13.15 Announcement of prize winners (to be announced by Helen Williams, Marcus Pauly and Reinhold Cremer and Pat McAllister)
   - Best Clinical Presentation
   - Best Scientific Presentation
   - Poster Prize
   - President’s Prize

13.15 – 13.30 Hosts and President Closing Remarks

13.30 Conference Close

Executive Timings only
14.00 - 16.00 Executive Meeting

Regulations for poster presenters:

Posters will be presented in a special poster session on Friday afternoon, not in a poster walk. Posters may be presented for 1-2 minutes by a designated reviewer, followed by a statement and answers to questions from the author (max. 5 minutes per poster). Posters will also be presented on panels for viewing during the breaks. Authors are asked be present at their posters for discussion.

Posters should be in place during Thursday morning and removed Saturday at close of conference. Fastening strips will be provided.

Preferred poster measures: height 1180 mm, width 841 mm.
Conference registration and housing details:

STIRLING 2016 - SRHSB Conference Registration and Accommodation Package

The SRHSB has a proud history of combining a high quality international clinical and scientific research conference with a truly “research family” focus for all those who work in and around hydrocephalus and spina bifida.

Not only will you be able to hear the latest research news across scientific and clinical areas but you will be part of a growing body of specialists in the field.

Couple this with an ideal opportunity to network worldwide and this year hear about the history and achievements of the SRHSB as it celebrates its 60th anniversary and to visit Scotland the home of Spina Bifida Hydrocephalus Scotland which also celebrates its 50th anniversary.

www.sbhscotland.org.uk

Early Bird Rates

All packages are fully inclusive (no hidden additional charges or taxes) and have early Bird rates automatically discounted on the price you pay dependent on date when you pay online.

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<td>Member</td>
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Accommodation per night

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<tr>
<td>Single</td>
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<td>Single</td>
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The full Conference and accommodation package includes on site accommodation at the Stirling Court Hotel (http://www.stirlingcourthotel.com/) which is also the venue for the main conference sessions. In addition the cost includes an Opening Reception, Society Outing to Loch Lomond and Gala Dinner in a stunning venue for all resident delegates.
Detailed meeting information and program access:

All attendees and members are encouraged to use the Whova app!

This is a new feature that will be running throughout the conference and can be used immediately to find travel details, for example. It is now live and everyone who has a smart phone (either Android or IOS) should be able to download the app, register and gain access to the latest programme, (http://www.whova.com/portal/sicss_201606) and also access to all travel arrangements (under the logistics icon). For those who have a blackberry or want to access a web version then the URL is https://whova.com/webapp/e/sicss_201606. The travel information is presented as hyperlinks to the visit Scotland site and others so if you want to copy these to the SRHSB website as well then that will be fine.