



BrainIT Meeting

24th May 2024

<http://www.brainit.org.uk>

Sponsored by: **B|BRAUN**
SHARING EXPERTISE

Registration, Presentation & Poster Submissions

Free to attend, places limited

Email to register and/or propose posters:
laura.moss@glasgow.ac.uk

Presentation deadline: ~~19th April 2024~~

Poster deadline: **3rd May 2024**

Registration deadline : **17th May, but places may fill up before this date**

Venue

Queen Elizabeth Teaching and Learning Centre,
Queen Elizabeth University Hospital Campus, Glasgow, UK.

Accommodation Suggestions

Village Hotel – short taxi ride to venue

Glasgow Grosvenor Hotel – near to The Bothy

Premier Inn Glasgow City Centre – near to Queen St. Station

Radisson Blu Hotel – near to Central Station

For further tourist information please see:
<https://peoplemakeglasgow.com/>

Social

Fri 24th May

6.45pm – The Bothy - <https://bothyglasgow.co.uk/>

£39 set menu, places limited, please reserve place when registering



Confirmed Speakers – as of 22nd April 2024



Provisional Title	Speaker	Institution
TBI-REPORTER - UK Traumatic Brain Injury-Repository and Data Portal Enabling Discovery	William Stewart, Consultant Neuropathologist Honorary Professor (UoG) Adjunct Professor (Penn)	NHS Greater Glasgow & Clyde, University of Glasgow
TBC	Samih Hassan, Consultant Neurosurgeon	NHS Greater Glasgow & Clyde
Reconstruction based anomaly detection for cerebrovascular autoregulation state monitoring from arterial blood pressure and intracranial pressure signals: a proof-of-concept study using experimental data	Bavo Kempen, PhD Student	KU Leuven
Artifact Characterisation Using ICU Waveform Data	Rob Donald	University of Edinburgh
Targeting and monitoring mean arterial pressure in critical illness: a mixed-methods approach	Isla MacKay, Medical Student	University of Edinburgh
Using machine learning to predict childhood brain trauma patients' length of stay	John Palmer, PhD Student	University of Edinburgh
Data Comics: A Novel Aid for Patient Communication?	Sarah Dunn, PhD Student	University of Edinburgh
Evaluation of the morphology of paediatric intracranial pressure waveforms and correlation with disease classification/Investigation into variation of paediatric intracranial pressure waveforms in traumatic brain injury patients	Amarah Saeed, Medical Student/Mariam Kahn, Medical Student/Morven Minns, Medical Student	University of Glasgow
Deep Learning Methods for Brain Health Estimation	Michele Svanera, Lecturer, Head of the Brain Imaging and Artificial Intelligence Research lab	University of Glasgow
International e-Delphi survey to define best practice in the reporting of intracranial pressure monitoring	Maya Kommer, Neurosurgical Trainee, PhD Student	NHS Greater Glasgow & Clyde, University of Glasgow
Novel mode of a heart & lung machine for optimization of brain perfusion during cardiac bypass surgery	Vilma Putnynaite, Edvinas Chaleckas, Vytautas Petkus, Arminas Ragauskas	Kauno technologijos universitetas
Novel non-invasive technology for ICP pulse wave morphology monitoring and analysis	Vilma Putnynaite, Edvinas Chaleckas, Vytautas Petkus, Arminas Ragauskas	Kauno technologijos universitetas
A deep learning approach leveraging similarities between patients for clinical event prediction	Hollan Haule, PhD Student	University of Edinburgh

Meeting will also include a KidsBrainIT update and discussion about ideas for future BrainIT projects and funding

Updates to the speaker list and presentation timings will be displayed on:

<http://www.brainit.org.uk/brainit/public/index.php/meetings>