

**THE ROYAL SOCIETY OF MEDICINE**  
**TECHNOLOGY IN MEDICINE SECTION'S STROKE REHABILITATION CONFERENCE**

*in association with the Action for Rehabilitation from Neurological Injury Institute*

**16TH JUNE 2014**



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**Nexstim**

[Conference Speakers & Timings](#)

[How to Register](#)

[Map & Directions](#)



Welcome to the Technology in Medicine Section's Stroke Rehabilitation Technology Conference in association with the ARNI Institute, at the prestigious Royal Society of Medicine, Wimpole Street, London, on 16th June 2014.

From an innovative robotic exoskeleton for regaining action control in the hand, to 3D film industry motion capture technology for movement analysis from Sweden, this meeting will show how acceleration in the pace of technological advances now holds a significant part of the key to better future recoveries from serious limitations resulting from stroke.



Special guests: **The Right Hon. The Lord Lingfield** and **Mr Andrew Marr**. This Conference is for public and professionals - all friends of ARNI are so welcome.

A European assembly of research-active scientists, clinicians and practitioners will explain and demonstrate leading edge developments in neural imaging and stimulation techniques as well as assistive technologies for stroke survivors.

**There are just 140 seats available.** Seats will be allocated by RSM on first come, first served basis and seats will be going very very quickly! A fine lunch, tea/coffee and biscuits are included in the seat price. **We are really looking forward to seeing you!**



9.30 am

**REGISTRATION**

**Professor Alan Roberts (President-Elect of Section)**

10.00 am

**Morning Session Chair**

Professor of Biomaterials in Surgery, University of Hull

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**The Rt Hon, the Lord Lingfield, Kt, DL**

10.07 am

**Welcome**

In his capacity as Chairman, ARNI Stroke Rehabilitation Charity

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**Professor Philip Rowe**

10.10 am

**An Over-view: Technology for Rehabilitation**

Professor Of Rehabilitation Science, University of Strathclyde

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10.30 am

**Advances in Neuroimaging of Recovery**

**Professor Heidi Johansen-Berg**

Professor of Cognitive Neuroscience, University of Oxford

FIND OUT MORE - PRESS [HERE](#)***Dr Simon Pearce-Hughes***

10.50 am

***Navigated Brain Stimulation:  
Nexstim***

Neurosurgery Business Manager, Optima Medical Ltd

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11.15 am

Tea and Coffee Break

***Dr Sara Demain***

11.40 am

***Assistive Technologies (ATRAS  
trial)***

Lecturer in Physiotherapy, University of Southampton

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12.00 pm

***Innovative Health Technologies:  
SMART 1 & 2******Professor Gail Mountain***

Professor of Health Services Research, University of Sheffield

FIND OUT MORE - PRESS [HERE](#)***Dr Jack Parker******Innovative Health Technologies***

Research Associate, University of Sheffield

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12.20 pm

***Swallowing Technology:  
Phagenyx******Mr Daniel Green***

Chief Executive Officer, Phagenesis Ltd.

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12.40 pm

***Clinical applications from 3D  
movement analysis******Dr Margit Alt Murphy***

Research Associate, University of Gothenburg (Sweden)

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1.00 pm

Lunch

***Dr Tom Balchin (Section Secretary)***

Early Afternoon Session Chair

Director, ARNI Stroke Rehabilitation Charity

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2.00 pm

***Managing Upper-Limb Action  
Control******Dr Nick Ward***

Reader in Clinical Neurology, University College London

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2.20 pm

***Robotic Rehabilitation of the  
Hand: 15 DOF Exoskeleton******Dr Thomas Burton***

Research Associate, Imperial College, London

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2.40 pm

***Guest Speaker: A Stroke  
Survivor's Perspective******Mr Andrew Marr***

Broadcaster and Writer

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3.05 pm

Tea and Coffee Break

3.30 pm

Afternoon Session Chair

***Professor Peter Brett (Section President)***

Professor of Biomedical Engineering, Brunel University

FIND OUT MORE - PRESS [HERE](#)

3.30 pm	<b>Improving Sensory Deficits in Hand Rehab: Haptic Devices</b>	<p><b>Dr Cheryl Metcalf</b> Lecturer in Biomchanics, University of Southampton FIND OUT MORE - PRESS <a href="#">HERE</a></p>
3.50 pm	<b>Virtual Reality: ReWiire</b>	<p><b>Dr Emmanuel Tseklevs</b> Senior Lecturer in Design Interactions, Lancaster University FIND OUT MORE - PRESS <a href="#">HERE</a></p>
	<b>Virtual Reality: ReWiire</b>	<p><b>Mrs Alyson Warland</b> Lecturer in Physiotherapy, Brunel University FIND OUT MORE - PRESS <a href="#">HERE</a></p>
4.10 pm	<b>Improving Visual Function: Eye-Search</b>	<p><b>Dr Alex Leff</b> Reader in Cognitive Neurology, University College London FIND OUT MORE - PRESS <a href="#">HERE</a></p>
4.30 pm	<b>Debate Audience to Panel: Future Technology for Stroke Rehabilitation</b>	
4.45 pm	<b>Conference Close</b>	



**How to Register:**

SEATS MAY BE PURCHASED ONLINE ON THIS PAGE [RSM PAGE](#)

amazing seat prices!

SPECIAL CONFERENCE RATE FOR ATTENDEES (USE THE 'OTHER' CAREGORY): £85

ARNI ASSOCIATE INSTRUCTORS & STUDENTS (USE THE 'STUDENT' CAREGORY): £40

**SEATS ALL SOLD OUT**

Conference Rate will include LUNCH, teas/coffees/biscuits during the day

**Dress Code: Dress is RSM standard. For gentlemen: jacket and tie. For ladies: equivalent.**

Any questions, press the blue button.



or Contact:  
Tel: +44 (0) 20 7290 2987

**ADDRESS AND MAP**

The Royal Society of Medicine  
1 Wimpole Street  
London W1G 0AE



View a [scalable map on the Multimap website](#).

**By London Underground**

**Nearest stations:** Central and Jubilee lines to Bond Street (Less than 10 minutes walk) or Victoria, Bakerloo and Central lines Oxford Circus (Less than 10 minutes walk).

**By bus**

**Nearest bus routes:** 6, 7, 10, 13, 15, 23, 25, 30, 55, 73, 94, 98, 113, 137, 139, 159, 175, 189, 274, 390 are all within walking distance to the RSM.

**By car**

The RSM is in the congestion charging zone. Wimpole Street is a one-way street, approached from Henrietta Place.

**Parking near the RSM**

Car parks are located in Cavendish Square and Marylebone Lane, both five minutes walk away.

For more information visit the [City of Westminster website](#).

**By foot**

1 Wimpole Street is located behind House of Fraser, off Oxford Street.

Chandos House is located off Cavendish Square, within a few minutes' walk of the main RSM building.

**Travelling in London**

For further information about travelling in London go to the Transport for London website: [www.tfl.gov.uk](http://www.tfl.gov.uk).

[Transport for London  
Journey Planner](#)

Plan your journey here

From

Station or stop

[Advanced options](#)