



Bring yourself up-to-date regarding technical developments across a wide range of fields in just one day

# Tech Con 2017



**Delegate Information Pack**

**Thursday  
14th September 2017  
The Pullman Hotel, St Pancras, London**

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## MORNING Chaired by William Latimer-Sayer QC and Joel Donovan QC

08.45 - 09.30 **Registration, tea/coffee, networking and exhibition stands**

09.30 - 09.35 **Welcome and introduction from the Conference Chair**  
**William Latimer-Sayer QC, Cloisters**

09.35 - 09.55 **Robotics in Neurorehabilitation**

In recent years there has been a huge increase in the number of advanced technologies on the market aiming to maximise patient outcomes in Neurological Rehabilitation. Scientific evidence as well as public demand are also increasing. This presentation will look at the principles of neurological recovery and how technology can help us apply these as well as the existing evidence specifically on the use of the Lokomat.

**Tamsin Reed, Physiotherapy Clinical Lead, The Wellington Hospital & Chair of the WFNR special interest group on the use of Advanced Technologies**

09.55 - 10.35 **Exoskeletons**

Current state of Exoskeleton technology and indications for use. Physiofunction and The Royal Buckinghamshire Hospital offer a collaborative service for the assessment and trialling of the REX, ReWalk, Ekso and Indego Exoskeletons. This presentation provides an overview of these devices and indications for rehabilitation and functional use in the community.

**Taher Dhuliawala, Senior Physiotherapist, Physiofunction**  
**Eva Sobonova, Head Physiotherapist, The Royal Buckinghamshire Hospital**

10.35 - 11.00 **Functional Electrical Stimulation**

Latest developments in Functional Electrical Stimulation (FES) technology.

- Brief overview of FES for foot drop correction and in ergometry (cycling)
- Developments in wireless FES technology for foot drop and developments in FES for functional rehabilitation of sit to stand, walking and reach and grasp.

**Jon Graham, Clinical Director, Physiofunction**

11.00 - 11.30 **Tea/coffee, networking and exhibition stands**

11.30 - 11.50 **Prosthetics**

Latest developments in lower limb prostheses.

**Professor Sir Saeed Zahedi OBE FREng RDI FIMechE PhD, Vice Chairman of ISPO and Technical Director, Blatchford**

11.50 - 12.20 **Athletic success**

Advancements in lower limb prosthetics, maximising the potential of elite athletes and other individuals in pursuit of their personal success.

**Richard Nieveen SRPros MBAPO., Prosthetist, Clinical Director ProActive Prosthetics Ltd**  
**Stef Reid, Long Jump World Paralympic Champion**

12.20 - 12.40 **Upper limb prosthetics**

The latest advancements in upper limb prosthetics. Touch bionics innovate and lead the world in the development of upper limb prosthetic technologies to ensure positive outcomes for people with upper limb deficiencies.

- i-limb quantum incorporates our i-mo technology, it's the only upper limb prosthesis that can change grips with a simple gesture.
- i-digits quantum using the same technology as in the full quantum hand allows partial hand amputees to access this technology.
- supro wrist will be our newest innovation coming to the market, it will be the first hand and wrist prosthesis to offer synchronised wrist rotation and grip selection

The presentation will show how advances in current and new products help in simplifying everyday activities of a user using intuitive technology.

**Elaine Miller, Prosthetist, Touch Bionics**

12.40 - 13.00 **Virtual rehab**

Virtual Reality in Stroke and Neurorehabilitation.

**Dr Salim Ghoussayni, Country Market Development Director, MindMaze Healthcare UK**

13.00 - 14.00 **Lunch, networking and exhibition stands**



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# Programme

**AFTERNOON** Chaired by Patricia Hitchcock QC and Simon Dyer QC

## 14.00 - 14.25 **Intelligent Medical Devices**

Virtual rehabilitation of tibia orthopaedic trauma through the provision of a Virtual Clinic services that delivers actionable medical intelligence by combining intelligent medical devices and real-time analytics.

**Professor Peter Thomas, Consultant Orthopaedic Surgeon, University Hospital of North Staffordshire**

## 14.25 - 15.25 **Adapted Technologies in the home**

14.25 - 14.37 Space requirements and technology - how they work together. This session will explore how space and technology can enhance a individuals occupational performance and enable our clients to achieve their specific goals within their own homes.

**Kate Sheehan, Director & Occupational Therapist, The OT Service**

14.37 - 14.50 Kitchen Design – The future. The latest features and technology in accessible kitchen design, including safety features, devices that improve access and future tech trends for the kitchen.

**Adam Thomas, Director of Adam Thomas Consultancy and Senior Design Consultant, Design Matters KBB Ltd**

14.50 - 15.02 The accessible bathroom of the future. Ed Warner, founder of the RIBA award winning accessible bathroom business, Motionspot, gives an insight into how cutting edge technology can be integrated into a bathroom to deliver better access for users and their carers without compromising on the aesthetics of the environment.

**Ed Warner, Managing Director and Founder, Motionspot Ltd**

15.02 - 15.15 Do Aesthetic Adaptations hinge on power doors?

**Roger Southall, Assistive Technology Consultant, Rehabteq**

15.15 - 15.25 Panel discussion

**Kate Sheehan, Adam Thomas, Ed Warner, Roger Southall**

## 15.25 - 15.45 **Augmentative and Alternative Communications**

What's new in the world of Augmentative and Alternative Communications (AAC) and Access Solutions from Smartbox. We create assistive technology solutions that help people with disabilities do things that everyone else takes for granted. We will be looking at the latest advancements in tablet based AAC Solutions to allow people to communicate, utilise smart home technology, but how can someone access this? We will explore current developments in Eye Gaze, and alternative access solutions.

**Adam Waits, Head of Assessment, Smartbox AT**

## 15.45 - 16.15 **Tea/coffee, networking and exhibition stands**

## 16.15 - 16.32 **Adapted vehicles**

Private Vehicle Transport. The latest in adapted vehicles and technology. Focus on the developments in Diesel, Petrol, Hybrid and All Electric Vehicles and the effect this will have on disabled passengers and drivers.

**Bill Kiely, Managing Director & Expert Witness, Personal Mobility Solutions**

## 16.32 - 16.50 **Adapted motor homes**

- The concept and benefits of 'Independence vehicles'
- The range of vehicles available and the scope, type of equipment and facilities that can be specified to be included in the vehicle
- An outline of the process of generating the specification of the vehicle based around the exact needs of the client

**Jeffrey C. Bull, Chief Executive Officer, Coachbuilt GB Ltd**

## 16.50 - 17.15 **Technology in spinal surgery - preventing serious harm**

Advanced intra-operative imaging, navigation and neuro-monitoring.

**Mr John Leach, Lead for Spinal Neurosurgery, Manchester**

## 17.15 - 17.20 **Close**

17.20 onwards **Drinks reception kindly sponsored by Cloisters**



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## Travel Information

### Location & Access:

The Pullman London St Pancras perfect location no matter where your delegates are travelling from. Euston and Kings Cross St Pancras are within 3 - 5 minutes' walk with trains serving the North England, Scotland and Europe (Eurostar to Paris, Lille and Brussels).

The hotel is located in the city centre with a bus stop right outside. By car, take the M1 and exit at Junction 1. London City Airport is 12 km from the hotel.

### Underground:

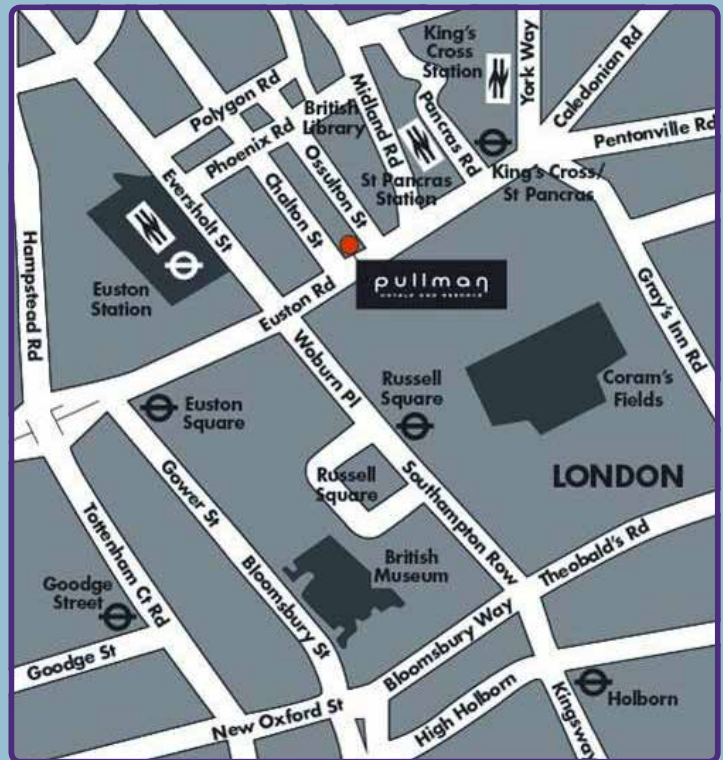
- Kings Cross/St Pancras (take the Euston Road Exit): Piccadilly, Victoria, Northern, Hammersmith and City, Circle and Metropolitan lines are available from Kings Cross Station.
- Euston: Victoria line & Northern line

### Trains:

- Kings Cross / St Pancras: Trains available to the North & South of England including Edinburgh, Brighton, York and Leeds to name a few. Catch the Eurostar with direct access to Europe only 3 minutes walk away or visit Stratford's Olympic Park or Westfield Shopping Centre on the Javelin Train to Stratford International in 7 minutes.
- Euston: Trains connecting to the north of the UK, including Birmingham, Manchester, Glasgow or Liverpool to name a few.

### Location Information for International Clients:

- Eurostar: Direct train St Pancras - 3 minutes walking distance from the hotel  
Paris & Brussels in just over 2 hours.
- Heathrow Airport: Direct access from Kings Cross on the Piccadilly line: Total - Under 1 hour or tube to Paddington & Heathrow Express. Total 35 minutes.
- Gatwick Airport: Direct train to Kings Cross station - Total 1 hour or 1 tube to Victoria and Gatwick Express. Total 45 minutes.
- Luton Airport: Direct train from Kings Cross station. Total 35 minutes.
- London City Airport: One change only - Northern Line to Bank and DLR. Total 30 minutes.
- Stansted Airport: One change only - Kings Cross Victoria line to Tottenham Hale & Stansted Express. Total 50 minutes.





# Hotel and Parking Information

## Hotel Information:

- Pullman Hotel (Conference Venue)  
100 - 110 Euston Road,  
London NW1 2AJ  
020 7666 9000
- Premier Inn London Kings Cross  
26-30 York Way  
London N1 9AA  
premierinn.com  
0871 527 8672
- Kings Cross Inn Hotel  
9-11 Euston Rd  
London NW1 2SA  
kingscrossinnhotel.co.uk  
020 7833 9510
- Travelodge  
1-11 Grafton Pl  
London NW1 1DJ  
travelodge.co.uk  
0871 984 6332

## Parking Information:

**If you require parking the Pullman Hotel have an agreement with Hotel Ibis London Euston St Pancras, 3 Cardington St, London, NW1 2LW. Please take a ticket from the car park and bring it to the reception staff at the Pullman Hotel who will validate your ticket to the subsidised rate of £10 for 9 hours parking and £20 for 24 hours parking.**



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