



ISPO UK MS E-bulletin – August 2017

Annual Scientific Meeting & Exhibition – Cambridge

***** Early-bird registration rate extended to 31st August *****

Since our last joint meeting TIPS/ISPO2016 in Glasgow, the ISPO UK MS committee has established a three-year strategy plan aimed at education and training required for sharing the knowledge and experiences of best practices for the development of care pathways with users' unmet needs at its core.

The theme of ISPO 2017 is **Advances in Neuromuscular Rehabilitation and Quality of Care**. The program aims to disseminate the latest medical sciences' research in prosthetics and orthotics, sharing the latest NHS and NIHR strategic plans in P&O and will provide an update on the direction of work in the coming years. Following the very successful one-day workshop on P&O research methodology in July, the importance of the collection of data for the future is now being accepted by many national ISPO member societies in Northern Europe & America and also at an International level. Open access to the data will enable researchers to target their scarce resources by providing scientific evidence much needed to back up best practice. This is the key for our future success and we will continue to create a forum to allow colleagues to present their findings to you.

ISPO is unique in providing a multidisciplinary approach to disability rehabilitation. Updates on children's prosthetics provision and R&D, NIHR Sandpits, latest developments in osseointegration outcomes, CRG update on MPK policy, vision of 2020 integrated smart orthotic solution of MovAid and topics covered by Bio-medical Engineers, Physicians, Surgeons, Occupational Therapists, Physiotherapists, Prosthetists, Orthotists, Clinical Scientists and many other professions, are all reflected in this year's programme.

International Keynote speakers and lecturers from both Cambridge and UK-wide universities, will aim to challenge our current practice. Free paper sessions and a poster exhibition will disseminate best methodology in functional assessment and outcome measures, and report on development of new measurement tools as well as their use in providing evidence for our future work.

The ISPO UK meeting could not take place without the strong support of the membership, the committee's tireless effort and sponsorship of the commercial companies. Special thanks are extended to Platinum Sponsor, **Steeper Group** and Gold Sponsor, **Orthomobility**, to **Opcare** and **North Sea Plastics Ltd, Blatchfords, OETT** and **others** for their generous contributions. In tandem, and with the support of all our commercial exhibitors, this enables the organising committee to host a MDT-led scientific meeting and commercial exhibition, along with an entertaining social programme.

We look forward to seeing you in Cambridge.



Sir Saeed Zahedi
Chair, ISPO UK MS



Dr Stephen Kirker
Chairman, Scientific Committee, ISPO UK 2017



ISPO UK MS ANNUAL SCIENTIFIC MEETING & EXHIBITION

8 & 9 SEPTEMBER 2017

GILLESPIE CENTRE, CLARE COLLEGE, CAMBRIDGE

(click on the link above to view full details of the venue)

FINAL PROGRAMME

Friday 8 th September 2017	
0830 hrs	Registration
0930 hrs	Welcome – Dr S Kirker, ISPO UK MS Scientific Chair & Prof Sir S Zahedi, ISPO UK MS Chair
0940 hrs	<p><u>Theme: Sports Prostheses</u></p> <p><i>Experience of trying all Paralympic sports, when four limbs are partially missing</i> Guest Speaker: Mr John Willis, Founder & CEO Power2inspire</p>
1020 hrs	<p><i>Research & Development plans and report following Government announcement of extra funding for children's prostheses</i> Guest Speaker: Dr Nicola Heron, Programme Director, NIHR D4D Healthcare Technology Co-operative, The University of Sheffield, UK</p>
1100 hrs	Refreshments, Commercial Exhibition and Poster Exhibition
1130 hrs	<p>Free Paper Presentations:</p> <p><i>The influence of socket fit on the socket interface stresses – a case study on a trans-tibial amputee</i> Mr J Tang, PhD Student, University of Southampton, Southampton, UK</p>
1145 hrs	<p><i>Activity Limb provision for Upper Limb and Lower Limb Paediatric Amputees: Birmingham's Story – Our Race</i> Ms C Spencer, Physiotherapist, West Midlands Rehabilitation Centre, Birmingham, UK</p>
1200 hrs	<p><i>The effects of a 12-week exercise programme on stair walking performance and falls prevention in lower limb amputees</i> Ms Z A Schafer, PhD Researcher, University of Hull, Hull, UK</p>
1215 hrs	<p><i>How does attempting to walk symmetrically affect dynamic balance in unilateral transtibial amputees?</i> Ms M Bisele, Postgraduate Researcher, Nottingham Trent University, Nottingham, UK</p>
1230 hrs	<p><i>An Analysis of Agreement between Medicare Functional Classification Levels and The Amputee Mobility Predictor Assessment Tool: A Retrospective Study</i> Ms R McBride, P&O Graduate, University of Strathclyde, Glasgow, UK</p>
1245 hrs	<p><i>Early Amputation vs Limb Salvation – Comparing the impact on Quality of Life (QOL) in short and long term</i> Dr R Munjal, Consultant, M&SRC, Northern General Hospital, Sheffield, UK</p>
1300 hrs	ISPO UK MS Annual General Meeting
1315 hrs	Lunch, Commercial Exhibition and Poster Exhibition

1400 hrs	<i>A Heavy Reckoning: War, Medicine and Survival in Afghanistan and Beyond</i> Guest Speaker: Emily Mayhew, Historian in Residence, Imperial College London, London, UK
1415 hrs	<i>Update on NHS England commissioning of microprocessor knees and service reviews</i> Guest Speaker: Carolyn Young, Lead Commissioner – Rehabilitation & Disability, CRG, NHS England (Midlands & East), UK
1430 hrs	<i>The impact of Microprocessor Knees on amputees: personal experiences</i>
1510 hrs	<u>Theme: Effort Using Prosthesis</u> <i>Osseointegration: the Australian system; MoD/NHS evaluation and future plans</i> Guest Speaker: Group Captain Jonathan Kendrew, RAF, Consultant Trauma & Orthopaedic Surgeon, Queen Elizabeth Hospital, Birmingham, UK
1555hrs	Refreshments, Commercial Exhibition, Poster Exhibition
1620 hrs	The Blatchford Lecture: <i>Rehabilitation after Osseointegration</i> Guest Speaker: Dr Kerstin Hagberg, Associate Professor, Sahlgrenska University Hospital, Gothenburg, Sweden
1710 hrs	<i>Pattern recognition software to control a multi-articulating upper limb</i> Guest Speaker: Mr Geoffrey Andrews
1750 hrs	Company Presentations
1800 hrs	Conference close
1830 hrs	Exhibition closes
1930 hrs	Drinks Reception. Conference Dinner and Entertainment Clare College Dining Hall, University of Cambridge

Saturday 9th September 2017	
0830 hrs	Registration
0900 hrs	The OETT Lecture: <i>Instrumented gait analysis: is it clinically useful in prosthetics and orthotics?</i> Guest Speaker: Mr Roy Bowers, Principal Teaching Fellow, University of Strathclyde, Glasgow, UK
0940 hrs	<i>Developing services and training in gait analysis: Cambridge experience</i> Guest Speaker: Dr Thomas Stone, Clinical Scientist, Addenbrooke's Hospital, Cambridge, UK
1030 hrs	Refreshments, Commercial Exhibition and Poster Exhibition
1100 hrs	Free Paper Presentations: <i>The longitudinal changes in functional and psychosocial outcomes after wearing a passive dynamic ankle-foot orthosis (PD-AFO) in UK military</i> Mr P Ladlow, Higher Scientific Officer & Mrs N Bennett, Lead Orthotist, DMRC Headley Court, UK
1115 hrs	<i>Optimising plantar-pressure sensor distribution for centre-of-pressure estimation</i> Ms L A Raymond, Research Engineer, Chas A Blatchford & Sons Ltd, Basingstoke, UK
1130 hrs	<i>Prosthesis use outside the clinic – an objective approach</i> Ms Alix Chadwell, Medical Engineer/PhD Student, University of Salford, Salford, UK
1145 hrs	<i>The effect of a lower-limb prosthesis on skin temperature</i> Mrs L Diment, PhD Student in Engineering Science, University of Oxford, Oxford, UK
1200 hrs	<i>Use of a hydraulically articulating versus rigidly attached prosthetic ankle-foot device improves gait and walking performance in unilateral transtibial amputees with lower activity levels</i> Dr C T Barnett, Senior Lecturer, Nottingham Trent University, Nottingham, UK
1215 hrs	<i>Articulating, hydraulic prosthetic ankles compared to rigid attachments: a literature review</i> Dr M McGrath, Research Scientist, Chas A Blatchford & Sons Ltd, Basingstoke, UK
1230 hrs	<i>Advanced prosthetic components improve standing balance and limb load symmetry for transfemoral amputees</i> Dr M McGrath, Research Scientist, Chas A Blatchford & Sons Ltd, Basingstoke, UK
1245 hrs	<i>Amputee activity-monitoring through non-invasive prosthetic foot spring deflection measurements</i> Dr P Laszczak, Mechatronic Research Engineer, Chas A Blatchford & Sons Ltd, Basingstoke, UK
1300 hrs	Presentation of Prizes
1310 hrs	Lunch & Conference Close



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8 & 9 SEPTEMBER 2017
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DELEGATE REGISTRATION FORM

PLEASE PRINT YOUR DETAILS USING BLOCK CAPITALS

Title:	First Name:	Last Name:	
Company/ Organisation:			
E-mail:			
Your name, company details and e-mail address will be published in the conference compendium. If you have any objection, tick the box and your name and city only will be included. <input type="checkbox"/>			
Correspondence Address:			
Tel:		Profession:	
Special Needs/Dietary Requirements:			
<u>TRAVEL & PARKING</u>			
For travel directions visit http://clareconferencing.com/information/how-to-find-us/			
Clare College Conferencing has access to a number of parking spaces at a nearby sports ground. All spaces must be booked in advance. http://clareconferencing.com/wp-content/uploads/2014/04/SportsgroundparkingMap09PostcodeCB30EQ.pdf			
To reserve your parking space at the special rate of £6 per vehicle per day, complete the section below:			
	No. of spaces @ £6 per vehicle per day	Total	
Thursday 7 th September			
Friday 8 th September			
Saturday 9 th September			
Total Parking			
<u>ACCOMMODATION</u>			
A limited number of twin and single, en-suite rooms are available at Clare College at specially negotiated rates (bed & breakfast), for the nights of Thursday 7 th and Friday 8 th September. To reserve your accommodation, complete the section below:-			
	No. of twin en-suite rooms @ £150 per room per night	No. of single en-suite rooms @ £103 per room per night	Total £
Thursday 7 th September			
Friday 8 th September			
Total Accommodation			

CONFERENCE DINNERFriday 8th September 2017 - Clare College Dining Hall

	No of Tickets @ £39 per ticket	Total - £
Three course dinner, including wine and coffee plus after dinner entertainment (magician)		

REGISTRATION****** Early Bird Registration Rate extended to 31st August 2017 ******

Reduced registration rates are available to ISPO members. Membership application forms are available online at www.ispo.org.uk or by e-mailing info@ispo.org.uk

Are you a member of ISPO? Yes ☐ No ☐ Membership No: _____

	Registrations received on or before 31 st August 2017		Registrations received after 31 st August 2017	
	Member	Non Member	Member	Non Member
Full Registration (2 days)	£ 190 <input type="checkbox"/>	£ 250 <input type="checkbox"/>	£ 250 <input type="checkbox"/>	£ 290 <input type="checkbox"/>
Day Delegate				
Friday 8 th September	£ 130 <input type="checkbox"/>	£ 180 <input type="checkbox"/>	£ 155 <input type="checkbox"/>	£ 215 <input type="checkbox"/>
Saturday 9 th September	£ 95 <input type="checkbox"/>	£ 145 <input type="checkbox"/>	£ 130 <input type="checkbox"/>	£ 180 <input type="checkbox"/>
Student Full Registration (2 days)				
Friday 8 th September <input type="checkbox"/>	£ 70 <input type="checkbox"/>	£ 70 <input type="checkbox"/>	£ 70 <input type="checkbox"/>	£ 70 <input type="checkbox"/>
Saturday 9 th September <input type="checkbox"/>	£ 45 <input type="checkbox"/>	£ 45 <input type="checkbox"/>	£ 45 <input type="checkbox"/>	£ 45 <input type="checkbox"/>

Summary of Registration Charges

Parking - £	Accommodation - £	Conference Dinner - £	Registration Fees - £	Total - £

Method of Payment (please choose one option)

By cheque made payable to ISPO UK NMS and forwarded with your registration form to ISPO UK NMS, Secretariat, PO Box 7225, Pitlochry, PH16 9AH

By online bank transfer to: The Royal Bank of Scotland Sort Code: 83-28-39 Account No: 00146801
BACS remittance advices to info@ispo.org.uk

By invoice. Please provide Purchase Order Number and Address for Invoicing below:

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