



ISPO UK MS AUTUMN 2018 BULLETIN



Welcome to the Autumn 2018 ISPO UK MS Bulletin where minds are focused on the coming [Annual Scientific Meeting](#) to take place at Southampton on 12th and 13th October. We would like to extend our gratitude to the members of the Scientific Committee Chaired by Professor Liudi Jiang who have worked tirelessly throughout the year to pull this meeting together.

The theme of this year's meeting is "**Advancing our understanding of the body interface in Orthotics and Prosthetics**". This year we had an unprecedented response to the call for papers and posters and it was encouraging to see such a wide cross-section of disciplines submitting abstracts. This not only reflects the multidisciplinary membership of our organisation but also the current rapid pace of development and change within the field of orthotics and prosthetics.

The [George Murdoch Prize](#) will be awarded to Prof Dr Jan H B Geertzen MD PhD at this year's meeting and we look forward to his presentation entitled "**Amputation in CRPS: which patient qualifies?**"

There is still time to [register for the meeting](#) in Southampton and full details together with the conference programme can be found on the ISPO UK MS website at www.ispo.org.uk

Talking of which, **we have a new ISPO UK MS website!** This really brings ISPO UK up to date and you can finally discard chequebooks as membership fees and conference registration can now be paid online through your membership account. Please view and use the site to keep up with news and events within the ISPO UK community. The website has been developed by [Fuzzylime](#) who are a website and app development company based in Glasgow. We would like to thank Irene Cameron and Terry Pond who undertook much of the groundwork initiating this project and identifying a suitable company to build and manage the website. Thank you to everyone for their feedback – and please continue to do so via [the website](#) contact form. We look forward to further developing this site based on your feedback.

The ISPO UK MS Executive continues its liaison and support of NHS, as well as ISPO International, the US Academy and AOPA. The work commissioned on AMPROM (www.amprom.uk) on outcome measures, the need for Data, a national/global registry, future opportunities of technology offering (www.movaid.eu) in transformation of P&O field, are all aimed at direct benefit to users. ISPO Global Educator and ISPO Central Europe events are platforms to share our vision and aspiration for developing a uniform standard of care, whilst our preparation of a joint bid for a future collaborative Nordic World Congress in Stockholm (2023) with colleagues in Sweden and Norway is aimed at developing and sharing best practices and implementing these through international standards.

Not so far into the future is the 2019 ISPO UK ASM tripartite collaboration with the Trent International Prosthetics Symposium ([TIPS](#)) and [BACPAR](#). This event will run between Wednesday 20th and Saturday 22nd March 2019 at the spectacular [Lowry](#), Salford Quays, Manchester. The deadline for abstract submission for TIPS-specific abstracts is 5th October – see further information on its dedicated website www.trent-prosthetics.com. Deadline dates for abstract submission for the ISPO UK 2019 Annual Meeting and BACPAR National Study Day specific sessions will be announced shortly and, of course, you can visit [TIPS/ISPO/BACOAR2019](#) on our website for all updates, key deadlines, programme details and links to registration and accommodation.

You'll hear so much more about what we're up to at this year's AGM and the Annual Scientific Meeting. Come along and join us! We look forward to welcoming you at Southampton.

On behalf of the ISPO UK MS Executive Committee,
John Sullivan, Vice Chair, ISPO UK MS.



ISPO UK MS ANNUAL SCIENTIFIC MEETING & EXHIBITION
12 & 13 OCTOBER 2018 GRAND HARBOUR HOTEL, SOUTHAMPTON

The final programme for the 2018 ISPO UK MS Annual Scientific Meeting is now available [here](#) and we extend a warm invitation to all to join us in Southampton on 12 & 13 October. The guiding theme for this year is **The Interface, advancing our understanding of body interface in Prosthetics and Orthotics**. This crucial area we're sure will be of particular interest since an effective body interface is prerequisite for successful P&O outcomes. A range of challenges still remain in advancing the science, ranging from prosthetic socket fitting, interface biomechanics, direct skeletal fixation, specialist seating and limb orthotics, diabetic foot as well as tissue mechanics.

ISPO UK MS is championing these critical challenges and the needs of e.g. sensor technology for diagnosis and prognosis at amputee residual limb interfaces and the National Amputee Prosthetics Outcomes Registry (AMPROM), all are some of the research focus at Southampton. AMPROM was developed by ISPOUK MS from a platform conceived initially at a Southampton FortisNet event in 2016. The need for outcome data and the importance of **The Interface** has been underscored by a record-breaking number of abstract submissions this year from which to construct the program.

The 2018 conference programme brings multidisciplinary expertise and learning together, to share the latest developments and research. We have arranged the program into four main theme areas, i.e. Body interface with P&O, Rehabilitation-data and outcome measures, Advanced components and assistive technologies, Surgical and Rehabilitation methods.

We are very fortunate to have many keynote Guest Speakers to cover specific areas of P&O. These include talks from Mr & Mrs Arthey (amputees perspectives on the socket interface), Prof. Dan Bader from University of Southampton (Tissue health at the skin-device interface), Graham Bowen from Solent NHS Trust (Diabetic foot problems), John Sullivan & Carolyn Young (AMPROM update), Dr. Alex Dickinson from the University of Southampton (P&O Global challenge), Prof. Jane Burridge from Southampton (NeuroRehabilitation), Dr Nadine Stech from Blatchford (MovAid). We are also pleased to have presentations relating to P&O interface challenges for children with limb losses as they face even more difficult challenges due to rapid skeletal growth and supporting physical development and sports activities. Recent research funded by the StarWorks initiatives will be presented, Gemma Wheeler will summarize work to date, and step taken forwards in the area.

The prestigious Blatchford Lecture will be presented by Prof Dr Bernhard Greitemann (Muensterland Rehabilitation Hospital) focusing on review of surgical techniques and rehabilitation processes in Germany. Prof. Malcolm MacLachlan, from Maynooth University, Ireland, will present the OETT Lecture for Assistive Technologies, and hopefully he will share his student sailing experience in Southampton some years ago.

We also congratulate Prof Jan HB Geertzen, from University Medical Center Groningen, The Netherland, who will be awarded the prestigious George Murdoch Prize Medal in recognition of his outstanding contribution to prosthetics medical rehabilitation. He will present his lecture closing the first day.

An exhibition of latest assistive device technologies will be held in tandem with the meeting we are grateful to our commercial colleagues for supporting this event.

This is the first time the ISPO UK annual meeting has been held in Southampton. The location is close to the waterfront and in view of the ancient city walls and dock where the Titanic set sail. Extend your stay and visit the many nearby historic sites (e.g. SeaCity Museum, City Art Gallery, and Tudor House) all in walking distance to the Grand Harbour Hotel, and of course, the beautiful New Forest national park is only a short distance away.

[REGISTER NOW ONLINE](#) I look forward to meeting you in Southampton.

Prof. Liudi Jiang, Chair, ISPO UK MS Annual Scientific Meeting 2018



**ISPO UK MS ANNUAL SCIENTIFIC MEETING & EXHIBITION
12 & 13 OCTOBER 2018
GRAND HARBOUR HOTEL, SOUTHAMPTON**

PROGRAMME

Friday 12th October 2018	
0830 hrs	Registration
0930 hrs	Welcome – Prof Liudi Jiang ISPO UK MS Scientific Chair & Prof Sir S Zahedi, ISPO UK MS Chair
	<u>Theme: Body Interfaces with Prostheses and Orthoses</u>
0940 hrs	<i>“Above Knee Amputee stump interface management – an endurance athlete’s perspective”</i> Guest Speakers: Mr & Mrs Chris and Denise Arthey, Surrey, UK
1005 hrs	<i>“Bioengineering Strategies to Monitor Tissue Health at the Skin-Device Interface”</i> Guest Speaker: Prof Dan Bader, Faculty of Health Sciences, The University of Southampton, UK
1030 hrs	<i>“The tsunami of Diabetic foot disease: A global health problem”</i> Guest Speaker: Graham Bowen, Clinical Lead for Podiatry, Solent NHS Trust, Southampton, UK
1100 hrs Refreshments, Commercial Exhibition and Poster Exhibition	
	Free Paper Presentations
1130 hrs	<i>“Quantitative evaluation of a perforated prosthetic liner for sweat management using a residuum-socket simulator”</i> Dr M McGrath, Research Scientist, Chas A Blatchford & Sons Ltd., Basingstoke, UK
1145 hrs	<i>“The Design and Manufacture of a Bespoke Neoprene Prosthetic Liner - A Case Study”</i> M Young, Centre Manager, CAMERA, University of Bath, Bath, UK
1200 hrs	<i>“Reliability of three different methods for assessing amputee residuum volume”</i> Dr E Seminati, University of Bath, Bath, UK
1215 hrs	<i>“A preliminary study of socket interface loading and socket fit for children with lower limb absence”</i> J Tang, Research Fellow, Faculty of Engineering & Physical Sciences, University of Southampton, Southampton, UK
1230 hrs	<i>“A measurement array to assess prosthesis-limb interface pressures which avoid soft tissue damage”</i> J L Bramley, Faculty of Engineering & Physical Sciences, University of Southampton, Southampton, UK
1245 hrs	ISPO UK MS Annual General Meeting

1245 hrs	Lunch, Commercial Exhibition and Poster Exhibition
	Theme: Rehabilitation, Data and Outcome Measures
1345 hrs	“National Amputee Prosthetics Outcomes Registry (AMPROM)” Guest Speakers: John Sullivan, ISPO UK MS Vice Chair/Stanmore Royal National Orthopaedic Hospital, and Carolyn Young, Lead Commissioner – Rehabilitation & Disability, CRG, NHS England (Midlands & East)
1410 hrs	“Widening Access to Sustainable Prosthetics Services: a Global Challenge” Guest Speaker: Dr Alex Dickinson, Faculty of Engineering & Physical Science, The University of Southampton, UK
	Free Paper Presentations
1435 hrs	“How quickly are individuals with unilateral trans-tibial amputation able to adapt to a change in stiffness of a running specific prosthesis” Dr A De Asha, Research Biomechanist, C-Motion Inc., Germantown, MD, USA
1450 hrs	“Characteristics of established unilateral transfemoral amputee gait using 3D kinematic, kinetic and metabolic measures” Dr B Carse, Clinical Scientist, WESTMARC, Queen Elizabeth University Hospital, Glasgow, UK
1505 hrs	“Falls risk assessment tool for individuals with a lower limb amputation living in the community - The FRAT-AMP” Dr N Vanicek, Reader, University of Hull, Hull, UK
1520 hrs	Refreshments, Commercial Exhibition, Poster Exhibition
	Theme: Advanced Components and Assistive Technologies (Part 1)
1550 hrs	“Technologies for NeuroRehabilitation” Guest Speaker: Prof Jane Burridge, Faculty of Health Sciences, University of Southampton, UK
1615 hrs	The OETT Lecture: Systems Thinking for Assistive Technology: Redesigning the Future Guest Speaker: Prof Malcolm MacLachlan, Maynooth University, Ireland
1645 hrs	Free Paper Presentations: “The effect of socket design on the reliability of EMG signal transduction in trans-radial myoelectric prostheses” A Monk, Prosthetist and MSc Student, University of Salford, Salford, UK
1700 hrs	“How do unintended activations of myoelectric prostheses relate to functionality?” Dr A Chadwell, Medical Engineer, University of Salford, Salford, UK
1715 hrs	George Murdoch Prize Lecture: “Amputation in CRPS: which patient qualifies?” Guest Speaker: Prof dr Jan HB Geertzen, MD PhD, University Medical Center, Groningen, The Netherlands.
1800 hrs	Conference close
1830 hrs	Exhibition closes
1930 hrs	Drinks Reception. Conference Dinner and Entertainment Grand Harbour Hotel, Southampton

Saturday 13 th October 2018	
0830 hrs	Registration
	<u>Theme: Advanced Components and Assistive Technologies (Part 2)</u>
0900 hrs	<i>MovAID – Movement Assistive Devices: Manufacturing of personalised Kineto-Dynamics parts and products for workers, elderly and children</i> Guest Speaker: Dr N Stech, Principal Integrated Control Design Engineer, Chas A Blatchford & Sons Ltd, Basingstoke, UK
0930 hrs	<i>The Starworks Project: Achievements and Next Steps</i> Guest Speaker: Gemma Wheeler, The Starworks Network, Sheffield Hallam University, UK
	Free Paper Presentations:
0945 hrs	<i>“Validating performance of a novel wearable device for long-term activity monitoring during everyday activities”</i> P Laszczak, Mechatronic Research Engineer, Chas A Blatchford & Sons Ltd, Basingstoke, UK
10:00 hrs	<i>“STEPFORWARD: A protocol for a randomised feasibility study of a self-aligning prosthesis for older individuals with a vascular-related transtibial amputation”</i> Dr C T Barnett, Senior Lecturer in Biomechanics, Nottingham Trent University, Nottingham, UK
1015 hrs	<i>“Contrasting adverse incident reporting in the UK for prosthetics and orthotics with medical devices overall”</i> Dr P Davenport, Medical Device Specialist, Medicine and Healthcare Products Regulatory Agency, London, UK
1030 hrs	Refreshments, Commercial Exhibition and Poster Exhibition
	<u>Theme: Surgical and Rehabilitation Methods</u>
1100 hrs	The Blatchford Lecture: <i>“Amputation Surgery and Rehabilitation in lower limb amputees in Germany”</i> Guest Speaker: Prof Dr Bernhard Greitemann, Klinik Munsterland, Germany
	Free Paper Presentations:
1130 hrs	<i>“A Case Series of Non-traumatic Insufficiency Fractures of the Distal Femur or Tibial Plateau observed in four Transtibial Amputees during Inpatient Prosthetic Rehabilitation”</i> Dr S Connolly, Musgrave Park Hospital, Belfast, UK
1145 hrs	<i>“Prosthetic Rehabilitation following Multiple Limb Loss”</i> S Steventon, Prosthetist, Queen Mary’s Hospital, London, UK
1200 hrs	<i>“Osseointegration in Bilateral Above Knee Amputees following Blast Injury: 2 year follow up results from the initial cohort of UK Service Personnel”</i> L McMenemy, Trauma & Orthopaedic Surgical Trainee, Defence Medical Services, Imperial College London, London, UK
1215 hrs	<i>“Do Strength Asymmetries Explain Walking Gait Asymmetries in Unilateral Transtibial Amputees?”</i> A R Sibley, Research Student, University of Roehampton, London, UK
1230 hrs	<i>“Can Cognitive assessment predict lower limb prosthetic success?”</i> Dr V Kalansooriya, ST6 Rehabilitation Medicine, Musgrave Park Hospital, Belfast, UK
1245 hrs	Presentation of Prizes
1300 hrs	Lunch & Conference Close



ISPO UK MS ANNUAL SCIENTIFIC MEETING & EXHIBITION
12 & 13 October 2018 Grand Harbour Hotel, Southampton
(<http://www.grandharbourhotel.co.uk/>)

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 delegate list which will be available in all delegate bags. To confirm and opt in, please tick (✓) the box <input type="checkbox"/>			
Correspondence Address:			
Tel:	Profession:		
Special Needs/Dietary Requirements:			
<u>TRAVEL & PARKING</u> For travel directions visit http://www.grandharbourhotel.co.uk/contact/location Car parking is available on a first come first served basis and is charged at the rate of £10 per car per night.			
<u>ACCOMMODATION</u> Delegates are responsible for booking their own accommodation. A limited number of single, double and twin rooms are available at the Grand Harbour Hotel, Southampton, at specially negotiated rates (bed & breakfast), for the night of Friday 12 October 2018. To reserve your accommodation, telephone 02380 633033 – Option 1 – and quote reference ISPO121018.			
<u>CONFERENCE DINNER</u> Conference dinner will be held on Friday 12 October 2018 in the Grand Harbour Hotel, Southampton, and includes welcome drink, three course dinner, wine and coffee, plus after dinner entertainment.			
No of Tickets @ £39 per ticket		Total	£

REGISTRATION

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

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

	Registrations received on or before Friday 7 September 2018		Registrations received after Friday 7 September 2018	
	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 12 October	£ 130 <input type="checkbox"/>	£ 180 <input type="checkbox"/>	£ 155 <input type="checkbox"/>	£ 205 <input type="checkbox"/>
Saturday 13 October	£ 95 <input type="checkbox"/>	£ 145 <input type="checkbox"/>	£ 130 <input type="checkbox"/>	£ 180 <input type="checkbox"/>
Student				
Full Registration (2 days)	£ 70 <input type="checkbox"/>	£ 70 <input type="checkbox"/>	£ 70 <input type="checkbox"/>	£ 70 <input type="checkbox"/>
Friday 12 October <input type="checkbox"/>	£ 35 <input type="checkbox"/>	£ 35 <input type="checkbox"/>	£ 35 <input type="checkbox"/>	£ 35 <input type="checkbox"/>
Saturday 13 October <input type="checkbox"/>				

Summary of Charges

Conference Dinner - £	Registration Fees - £	Total - £
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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 Use [SurnameISPO121018] as reference. BACS remittance advices to info@ispo.org.uk

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



APPLICATION FORM

INTERNATIONAL SOCIETY FOR PROSTHETICS AND ORTHOTICS

Personal Information

Organization/Institution/Company

Title

Last Name

First Name

Address

City

Postal Code

County

Country

Phone1

Phone2

Email

Fax

Nationality

Date of Birth

Gender

Professional Information

Present Position

Qualification1

Qualification2

Professional Category

if other, please specify:

Language Information

Mother tongue

Language1

Level

Language2

Level

Language3

Level

Other Information

Type of Membership requested

Full

Student

Willingness to work for ISPO

Yes

No

Time available

Current Activities

please provide a brief summary here

Subscription Fees 2018 - £105 (full member) £27 (student member) Payment may be made by cheque, made payable to ISPO UK NMS or by online bank transfer – please e-mail info@ispo.org.uk for bank details.

Please return the completed application form via e-mail to info@ispo.org.uk or post to ISPO UK MS Secretariat, PO Box 7225, Pitlochry, Perthshire, PH16 9AH

ISPO UK MS is committed to protecting your privacy. We will only use your personal data for the purposes of managing your membership of ISPO. We will not share your information with any sponsor or third party without your consent. For further information on how we manage your personal data e-mail info@ispo.org.uk



BACPAR Conference 2018
Wolverhampton Science Park
November 15th and 16th

Day One

Physiological Effects of Amputation
Frailty and End of life
Trying a leg and failing: Psychological perspective
Chronic Regional Pain
MPK brainstorm or early physio rehab exercises

Day Two

Morten Tange Kristensen From Denmark on the Basic Amputee Mobility Score
Health Coaching
Social Media
An Oncology afternoon
Sarcoma surgery and beyond Professor Jeys
Through hip rehabilitation

Full conference programme and registration details available at
<https://bacpar.csp.org.uk/content/bacpar-2018-conference-and-agm>

Member rate and early bird discounts available to all ISPO members.

TIPS/ISPO/BACPAR2019

20 March 2019 – 23 March 2019

The Lowry, Salford



Following the success of the joint TIPS/ISPO UK conference in Glasgow in 2016, ISPO UK MS will once again combine its Annual Scientific Meeting for 2019 with the [Trent International Prosthetic Symposium](#) for a joint event at the spectacular [Lowry](#), Salford Quays, Manchester from 20-23 March 2019 inclusive.

And in line with our mission to increase opportunities for partnering and collaboration with organisations at both national and international levels, we are pleased to welcome [BACPAR](#) (British Association of Chartered Physiotherapists in Amputee Rehabilitation) as a third partner for this prestigious event.

**TIPS
2019**



TIPS/ISPO/BACPAR2019 will run for four consecutive days (Wednesday 20 March - Saturday 23 March). Organising committees from each of the three parties will collaborate to bring together a first-class programme of events which is sure to attract a wide audience of both national and international delegates.

The conference programme will comprise a series of keynote and guest lectures, free paper presentations, poster exhibition and workshops. And as is customary at ISPO meetings, a commercial exhibition will run in tandem with the meeting offering delegates an opportunity to see the latest innovations in rehabilitation engineering and assistive technologies. Combined with a lively social programme, sponsored by our exhibitors, **TIPS/ISPO/BACPAR2019** promises to be a truly inspirational event for all professionals involved in rehabilitation medicine, research, practice, prosthetics, orthotics, engineering, physiotherapy, occupational therapy, neuroscience, assistive devices and technologies. For some attending **TIPS/ISPO/BACPAR2019** all sessions will be of interest and we would actively encourage you to participate in as much of the programme as you can. Others, however, may have a stronger interest in specific aspects of the conference offerings. To this end we're making every effort to accommodate opportunities for attendance and participation with a variety of [registration options](#) as well as discounts for early birds and ISPO/BACPAR members. We've also teamed up with [Salford Conferencing](#) who have a wealth of local experience and will manage delegate registration and accommodation on our behalf.

The [TIPS2019 organising committee](#) has developed a dedicated website offering information including [Keynote Speakers](#), [Key Themes](#), [Call for Abstracts](#); [Abstract Submission](#) as well as [Local Information including travel and accommodation](#). More information will follow shortly on sessions specifically relating to the 2019 ISPO UK Annual Scientific Meeting and BACPAR National Study Day.

For information on Exhibition and Sponsorship Opportunities at TIPS/ISPO/BACPAR2019 please contact [ISPO UK MS Secretariat](#).

**For TIPS2019 specific enquiries contact [TIPS2019](#)
[Register here for TIPS/ISPO/BACPAR2019](#)**

**For ISPO UK MS specific enquiries contact [ISPO UK MS Secretariat](#)
[Register here for ISPO UK ASM 2018 in Southampton](#)**

**For BACPAR specific enquiries contact bacpartipsispobacpar@gmail.com
[Register here for BACPAR's National Conference and AGM 2018 in Wolverhampton](#)**



On behalf of ISPO, I would like to personally invite you to the 17th World Congress in Kobe in 2019. The biennial World Congress is a highlight for all who deal with rehabilitation, in particular prosthetics and orthotics. The Congress in Kobe will certainly be an exciting time for all, as we continue to develop everything from new service models to new technological solutions while we remain focused on the people who benefit from our services. Significant progress has taken place since our last meeting to assist individuals with disabilities at a global level as well as in many places at a local and individual level and many of these developments will be highlighted in the numerous sessions.

“Basics to Bionics” captures the breadth of the Congress in every aspect and the scientific sessions as well as the exhibition will expand this theme. The exhibition will also highlight new technological developments and robotics in use in rehabilitation.

The Congress will have something for everyone: for service users, for the ISPO community and the broader rehabilitation community as well as industry. I would encourage all of you to make the effort to be in Kobe and I look forward to seeing you there.

Friedbert Kohler

ISPO President

Chair, ISPO 17th World Congress Committee

<https://www.ispo-congress.com>

Don't forget, ISPO UK MS will be offering TRAVEL BURSARIES to the ISPO World Congress in Kobe – visit <https://www.ispo.org.uk/bursary-travel-bursery/> for qualification criteria, deadline dates and information on the application process.