CONFERENCE PROGRAMME

Friday 25 September

All plenary sessions will take place in Maplethorpe Hall.

0930  Welcome – L Landham, Chair ISPO UK MS
0935  Free Paper Session  (4 x 15 min presentations plus 2 x 5 min presentations)
       “The effect of electromagnetic shielding on phantom limb pain: a placebo controlled double blind crossover trial”
       Dr K Fisher, Royal National Orthopaedic Hospital, Stanmore
0950  “Can cognitive assessment predict lower limb prosthetic success?”
       Dr V Kalansooriya, Musgrave Park Hospital, Belfast
1005  “A Cross Centre Study of Timed ‘Up and Go’ Test Results”
       G Campbell, Musgrave Park Hospital, Belfast
1020  “Measuring Service Quality in Prosthetics: an evidence base for continual improvement”
       D Hannett, Opcare Ltd, Oxfordshire
1035  “Van Nes Rotationplasty – a retrospective study of two patients”
       Dr L Graham, Musgrave Park Hospital, Belfast
1040  “Five minutes can make a difference: a narrative analysis exploring amputees experiences of support and community reintegration”
       U Pabbineedi, Manchester Metropolitan University, Manchester
1045  Exhibition & Refreshments
1115  Neuroplasticity, pain and the use of prostheses
       Chair - Prof R S Hanspal
“What neuroplasticity tells us about rehabilitation in prosthetics and orthotics”  
Professor Heidi Johansen Berg, University of Oxford  
1205  
“Functional MRI of the brain in amputees: what we have learned so far”  
Associate Professor Tamar Makin, University of Oxford  
1255  
Discussion/questions  
1300  Exhibition & Lunch  
1400  Working with surgical colleagues to improve prosthetic outcomes  
Chair - Prof J Kulkarni  
“Limb lengthening to enable prosthetic use”  
Mr Martin McNally, Consultant Orthopaedic/reconstructive surgeon, Honorary Senior Lecturer, University of Oxford with Caroline Ward, Deputy Prosthetic Manager, Oxford  
1445  “Refashioning stumps – a Plastics’ perspective”  
Mr Alex Ramsden, Consultant Plastic Surgeon, Oxford  
1530  Annual General Meeting, Exhibition & Refreshments  
1600  Evidence based practice in prosthetics and orthotics  
Chair - Dr David Henderson-Slater  
“An introduction to Evidence-Based Medicine: what it can do – and what it can’t”  
Dr William Herrington MD MRCP (UK) MBBS, Nuffield Department of Population Health, University of Oxford  
1645  Blatchford Lecture (introduced by Prof R S Hanspal)  
“Building an evidence base in prosthetics: the Swedish experience”  
Professor Bengt Soderberg, Sweden  
1735  Company Presentations  
Irwin Mitchell LLP  
1930  Drinks Reception & Conference dinner in St Hugh’s Dining Room

**Saturday 26 September**

Parallel sessions for prosthetics and orthotics will take place from 0900 – 1230 hrs.  
A final combined plenary session will be held in Maplethorpe Hall from 1230 hrs – 1415 hrs.  
Refreshments will be served in the Foyer during the extended break from 1030 – 1130 hrs.  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
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<tbody>
<tr>
<td>0900</td>
<td>Prosthetics Session (Maplethorpe Hall)</td>
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<tr>
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<td>Chair: Michael O’Byrne, Opcare Ltd</td>
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<tr>
<td>0905</td>
<td>Free Paper Session (4 x 15 min presentations plus 6 x 5 min presentations)</td>
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| 0920  | “Use of gait lab 3D motion capture for dynamic assessment of amputee socket interface biomechanics with validation using TRIPS sensors systems – a case study”  
J Tang, Student, University of Southampton |
| 0935  | “Investigation into the effect of liner choice on interface stresses using a stump/socket simulator”  
Dr M McGrath, Research Fellow, University of Southampton |
| 0950  | “Effects of clinical interventions and everyday activities on dynamic loading at the lower limb stump/socket interface”  
P Laszczak, Student, University of Southampton |
|       | “Quantifying Residual Limb Shape after Transtibial Amputation with a Statistical Shape...” |
Model"  
J Steer, Student, University of Southampton

1005  “Pre-amputation assessments at West Midlands Rehabilitation Centre – 12 months review with patient feedback”  
Dr P Ramamurthy, West Midlands Rehabilitation Centre, Birmingham

1010  “Appraisal of foot and ankle amputations”  
Dr A Tarall-Jozwiak, Queen Mary’s Hospital, London

1015  “Outcomes following Trans-Femoral Amputation – Review of consecutive Trans-Femoral amputees referred to Regional Amputee Rehabilitation Service”  
Dr P Ramamurthy, West Midlands Rehabilitation Centre, Birmingham

1020  “A case study quantifying stump/socket interface stresses of lower-limb amputees”  
Dr J Gao, University of Southampton

1025  “Assessing Prosthetic Knee Control Systems: Fluidics vs Electronics”  
J Boender, Oxford

1030  “Bariatric amputee: A growing problem?”  
S Purcell, Specialised Ability Centre, Manchester

1035  Exhibition & Refreshments

1135  “The Three National Prosthetic Policies for Multifunction Hands, Microprocessor Knees and High Definition Silicon Covers – an update and discussion”  
Chair - Prof R S Hanspal  
Guest Speaker: Col A Mistlin, Consultant in Rheumatology & Rehabilitation, DMRC Headley Court, and Chair NHS Clinical Reference Group

Company Presentations

1205  Opcare Ltd
1210  Ottobock Healthcare plc
1215  Allergan Limited

1220  “Update on the progress of the Upper Limb Assessment Outcome Measures group”  
Professor Peter Kyberd, University of Greenwich, London

1235  Comfort break/Regroup for Final Plenary Session in Maplethorpe Hall

0900  Orthotics Session (Maplethorpe Seminar Room)  
Chair - Steve Seccombe , Chas A Blatchford & Sons Ltd

Free Paper Session

0905  “The use of amCube Footwork Pro pressure plate in the tuning of ground reaction orthosis: a case study”  
G Dunn, Leicester Specialist Mobility Centre, Leicester

0920  “Can a partial off-loading Ankle Foot Orthosis improve function and reduce pain following ankle injury?”  
P Durkin, Northern General Hospital, Sheffield

0935  “Identification and management of tibialis posterior tendon dysfunction in primary care”  
N Gallogly, Royal Berkshire Foundation Trust Hospital, Reading

0950  “Gait correction using Functional Electrical Stimulation”  
Guest Speaker: Lynn Vale, Clinical Specialist, Ottobock Healthcare plc

1035  Exhibition & Refreshments
1135 “The effect of ‘tuning’ in ankle-foot orthoses on the gait parameters of children with cerebral palsy”  
**Guest Speaker: Dr Nicola Eddison, Staffordshire University**

1230 Comfort break/Regroup for Final Plenary Session in Maplethorpe Hall

1245 **Final Plenary Session (Maplethorpe Hall)**
*Chair – Prof S Zahedi, Vice-Chair ISPO UK MS*

**OETT Lecture:**
“Technical and Scientific Advances in Human Movement Analysis – the role of the technician and that of a clinician”
**Professor Nachiappan Chockalingam, Staffordshire University**

1330 “Using Smartphones to Enhance Clinical Decision-making: Can your phone make you smarter?”
**Guest Speaker: Ed Lemaire, Professor of Physical Medicine and Rehabilitation, University of Ottawa, Canada**

1410 Presentation of prizes, conclusion of conference - L Landham, Chair, ISPO UKMS

1415 Light lunch and departures

**POSTER EXHIBITION**

“Evaluation of Therapy Pre-Amputation Consultations at the Royal National Orthopaedic Hospital”
*C Owen, Royal National Orthopaedic Hospital, Stanmore*

“The Use of Socket Comfort Scores as an outcome measure: a multi-centre study”
*P Taylor, Musgrave Park Hospital, Belfast*

“A six month review of outcomes for people undergoing major lower limb amputations from a single centre in South East London. Do different pathways mean different outcomes?”
*J Georgiou, Guys and St Thomas’ Hospital Amputee Rehabilitation Unit, London*

“An Instrumented Toy for Hemiplegic Cerebral Palsy Children”
*S A Mutalib, Imperial College London*

“A scoring tool to predict functional outcome in lower limb amputees (BLARt) – a pilot study”
*H Naylor, Leicester Specialist Mobility Centre, Leicester*

“Stance phase timing difference in patients using hydraulic ankle units”
*R Moore, Luton & Dunstable Hospital, Luton*
“Does using the Foot Scanner speed up the delivery of bespoke footwear at Northern General Hospital?”
*C Bailey, Northern General Hospital, Sheffield*

“A qualitative assessment of the effects of the Avalon hydraulic ankle for Multiflex foot users”
*R Moore, Luton & Dunstable Hospital, Luton*

“The effectiveness of using Microprocessor-controlled knee joints for lower limb amputees”
*A Wright, Blatchford Clinical Services, Sheffield Teaching Hospitals NHS Foundation Trust*

“Van Nes Rotationplasty – a retrospective study of two patients”
*Dr L Graham, Musgrave Park Hospital, Belfast*

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