## PROGRAMME

### Friday 25 September

All plenary sessions will take place in Maplethorpe Hall.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0930</td>
<td><strong>Welcome – L Landham, Chair ISPO UK MS</strong></td>
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<tr>
<td>0935</td>
<td><strong>Free Paper Session</strong> (4 x 15 min presentations plus 2 x 5 min presentations)**</td>
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<td></td>
<td>“The effect of electromagnetic shielding on phantom limb pain: a placebo controlled double blind crossover trial”</td>
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<td><em>Dr K Fisher, Royal National Orthopaedic Hospital, Stanmore</em></td>
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<tr>
<td>0950</td>
<td>“Can cognitive assessment predict lower limb prosthetic success?”</td>
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<td><em>Dr V Kalansooriya, Musgrave Park Hospital, Belfast</em></td>
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<tr>
<td>1005</td>
<td>“A Cross Centre Study of Timed ‘Up and Go’ Test Results”</td>
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<td><em>G Campbell, Musgrave Park Hospital, Belfast</em></td>
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<td>1020</td>
<td>“Measuring Service Quality in Prosthetics: an evidence base for continual improvement”</td>
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<td><em>D Hannett, OpCare Ltd, Oxfordshire</em></td>
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<td>1035</td>
<td>“Van Nes Rotationplasty – a retrospective study of two patients”</td>
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<td><em>Dr L Graham, Musgrave Park Hospital, Belfast</em></td>
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<td>1040</td>
<td>“Five minutes can make a difference: a narrative analysis exploring amputees’ experiences of support and community reintegration”</td>
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<td><em>U Pabbineedi, Cheshire</em></td>
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<td>1045</td>
<td><strong>Exhibition &amp; Refreshments</strong></td>
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<td>1115</td>
<td><strong>Neuroplasticity, pain and the use of prostheses</strong></td>
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<td><strong>Chair - Dr R S Hanspal</strong></td>
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<tr>
<td>1115</td>
<td>“What neuroplasticity tells us about rehabilitation in prosthetics and orthotics”</td>
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<td><em>Professor Heidi Johansen Berg, University of Oxford</em></td>
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<td>1205</td>
<td>“Functional MRI of the brain in amputees: what we have learned so far”</td>
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<td><em>Associate Professor Tamar Makin, University of Oxford</em></td>
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1255  Discussion/questions
1300  **Exhibition & Lunch**

**Working with surgical colleagues to improve prosthetic outcomes**
*Chair - Dr J Kulkarni*

1400  “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**

**Evidence based practice in prosthetics and orthotics**  
*Chair - Dr David Henderson-Slater*

1600  “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 Dr R S Hanspal)**  
“Building an evidence base in prosthetics: the Swedish experience”  
*Professor Bengt Soderberg, Sweden*

1930  **Drinks Reception & Conference dinner in St Hugh’s Dining Room**

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**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. Bacon rolls and refreshments will be served in the Foyer during the extended break from 1030 – 1130 hrs.

0900  **Prosthetics Session (Maplethorpe Hall)**  
*Chair: Michael O’Byrne, Opcare Ltd*

**Free Paper Session**  (4 x 15 min presentations plus 6 x 5 min presentations)

0905  “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*

0920  “Investigation into the effect of liner choice on interface stresses using a stump/socket simulator”  
*Dr M McGrath, Research Fellow, University of Southampton*

0935  “Effects of clinical interventions and everyday activities on dynamic loading at the lower limb stump/socket interface”  
*P Laszczak, Student, University of Southampton*

0950  “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*
“Appraisal of foot and ankle amputations”
Dr A Tarrall-Jozwiak, Queen Mary’s Hospital, London

“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

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

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

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

Exhibition & Refreshments

“The Three National Prosthetic Policies for Multifunction Hands, Microprocessor Knees and High Definition Silicon Covers – an update and discussion”
Chair -Dr R S Hanspal

Guest Speaker: Col A Mistlin, Chair CRG (to be confirmed)

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

Free Paper Session

“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

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

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

“Gait correction using Functional Electrical Stimulation”
Guest Speaker: Jon Graham, Clinical Director, PhysioFunction

Exhibition & Refreshments

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

Comfort break/Regroup for Final Plenary Session in Maplethorpe Hall

Final Plenary Session (Maplethorpe Hall)
Chair – 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 Chockalingham, University of Staffordshire
1320  “Title to be confirmed”
Guest Speaker: Ed Lemaire, Professor of Physical Medicine and Rehabilitation, University of Ottawa, Canada

1400  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 difference 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

“ProTec Insoles Product Review”
C Bailey, Northern General Hospital, Sheffield

“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