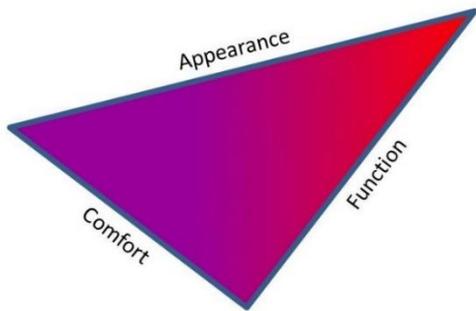




Prosthetics, Orthotics and Rehabilitation Technology - Education and Research



Programme

Building confidence: comfort, function & appearance

3 December 2016

Holiday Inn, East Kilbride, Scotland



Exhibitors



Diamond Sponsor




Silver Sponsor



An event held on the occasion of the UN International Day of Persons with Disabilities



blatchford



Registered charity number: 1116594

Company registration number: 5735089 (England)

Acknowledgements

We are very grateful to all sponsors, exhibitors, speakers, volunteers and delegates for helping us to make this a successful event.

Special thanks goes to

The National Centre for Prosthetics and Orthotics, University of Strathclyde for their collaboration and for inviting their demonstration patients to our event.

Natalie Gold for administrative support (Sexton's Transport Services).

Angie Weatherhead for information services (Weatherheads Web)

Our volunteers Hilary Bondi, June Burgess and Ian Sexton.

Thank you from the PORT-ER Trustees

Sandra Sexton (chairperson), Elaine Jackson, Heidi Farress, Mel Wade (secretary), Margaret Prentice (treasurer), Stewart Bondi, Colin Edwards





Welcome to our event

Building Confidence: Comfort, function & appearance

3rd December 2016. Holiday Inn – East Kilbride, Glasgow

We welcome service users, service providers, product developers, researchers, support organisations, family and friends. During this event there will be many opportunities for networking and sharing. There will be opportunity to view exhibits and for informal discussions over morning coffee, a sandwich lunch and afternoon tea.

Our event marks the occasion of the UN International Day of Persons with Disabilities

About the United Nations International Day of Persons with Disabilities

Since 1992, the United Nations International Day of Persons with Disabilities has been celebrated annually on 3 December around the world.

The theme for this year's International Day is "*Achieving 17 Goals for the Future We Want*". This theme notes the recent adoption of the 17 Sustainable Development Goals and the role of these goals in building a more inclusive and equitable world for persons with disabilities.

"We mark this year's International Day of Persons with Disabilities in the wake of the adoption of the ambitious 2030 Agenda for Sustainable Development. This global blueprint for action summons us to "leave no one behind".

Secretary-General Ban Ki-moon

Observance of the 2016 IDPD coincides with the 10-year anniversary of the adoption of the Convention on the Rights of Persons with Disabilities – one of the most quickly and widely ratified international treaties put forth by the United Nations to date.

#ISPOWER

Empowering people with impaired mobility to reach their full potential

#ISPOWER is a call to action for improved access to P&O care and assistive health technology (AHT) to help people with impaired mobility contribute fully to society.



Photo credit: KAPAD KROPP by Elisabeth Ohlson Wallin & Leif Axelsson
Copyright: Scandinavian Orthopaedic Laboratory

About PORT-ER

PORT-ER is the charity where mobility matters. Our vision is to bring about better patient care for people with mobility challenges through national and international development. We are a small UK based charity and we raise funds to be able to award small grants depending on our resources in an annual grant round to groups or individuals who need funding for project activities that align with our aims.

Our aims are:

- to encourage safe standards of prosthetic and orthotic care to internationally recognised standards;
- to support the advancement of knowledge in prosthetics and orthotics by sharing information;
- to support innovation in prosthetics and orthotics;
- to provide funding to communities of patients/users to enhance patient/user education.

Mobility Matters

Mobility is a human right. Prosthetic limbs and orthotic braces are assistive technologies which enable people with physical disabilities to be more mobile. In turn, mobility can help those with limb amputations or dysfunctional limbs to access education, work, activities of daily living, and a social life (including sport).

The mobility needs of people in the UK and the mobility needs of people in developing countries are equally important. We believe that people with physical disabilities have the right to achieve all they can be in the context of their own environment. We provide grant funding so that we can respond to the needs expressed to us via grant applications from prosthetic or orthotic users, other charities or rehabilitation professionals, rather than all our activity being only trustee driven.

Our Patron



Michael Caines, MBE, is one of Britain's most acclaimed chefs and PORT-ER's patron.

In 1994 Michael took up the position of Head Chef at Gidleigh Park. Gidleigh's restaurant was already rated amongst the most prestigious in the country so the position represented a massive challenge and opportunity for a young and ambitious chef. Yet, only two months into the job, Michael had a terrible car accident in which he lost his right arm. Remarkably, he was back in the kitchen part time within two weeks, and full-time after just four. With the support of the owners and an unwavering belief in his own ability to overcome obstacles, he returned to the kitchen more focused and determined than ever to pursue his dream of reaching the top of his profession. Today Michael is Executive Chef at Gidleigh Park. This prestigious country house hotel is on the edge of Dartmoor, Devon where Michael achieved his 2 Michelin stars. Michael is also an operational Partner and Director of ABode, a

group of boutique hotels located throughout Britain.

Programme - Building confidence: comfort, function & appearance

10:00 – 10:15	Opening and Welcome Dr Lisa Cameron, MP for East Kilbride, Strathaven & Lesmahagow
10:15 – 10:30	Personal experiences of an active life with an amputation Colin Edwards, PORT-ER Trustee
10:30 – 10:45	Looking after diabetic feet Joanne Allan, University of Strathclyde
10:45 – 11:00	Christmas Mini Lecture: How body signals can control technology Sandra Sexton, PORT-ER
11:00 – 11:30	Coffee and innovations exhibition 
11:30 – 11:45	Personal experiences of regaining function and confidence after knee injury Stewart Bondi, PORT-ER Trustee
11:45 – 12:00	Utilising feedback to drive design of affordable, reliable & desirable prosthetic products & services Alan Hutchison, Prosfitt
12:00 – 12:15	Building confidence and sport Hope Gordon, Scottish Disability Sport
12:15 – 12:30	Options for prostheses and orthoses selection – choices in shape, materials and components Brian Maguire, HCl Viocare
12:30 – 13:30	Lunch and innovations exhibition 
13:30 – 14:00	Building confidence and well-being in response to disability Prof Rajiv Hanspal, Royal National Orthopaedic Hospital
14:00 – 14:30	Comfort, function and appearance – essential steps for success Richard Nieveen. ProActive Prosthetics
14:30 – 15:00	Afternoon tea and innovations exhibition Christmas raffle draw by PORT-ER 
15:00– 15:15	Prosthetics & orthotics education & research at the National Centre Tony McGarry, University of Strathclyde
15:15 – 15:30	Christmas Mini Lecture: Stability and safety Sandra Sexton, PORT-ER
15:30 – 15:45	PORT-ER development project grant awards PORT-ER Trustees and award winners
15:45 – 16:00	Open forum – comfort, function and appearance

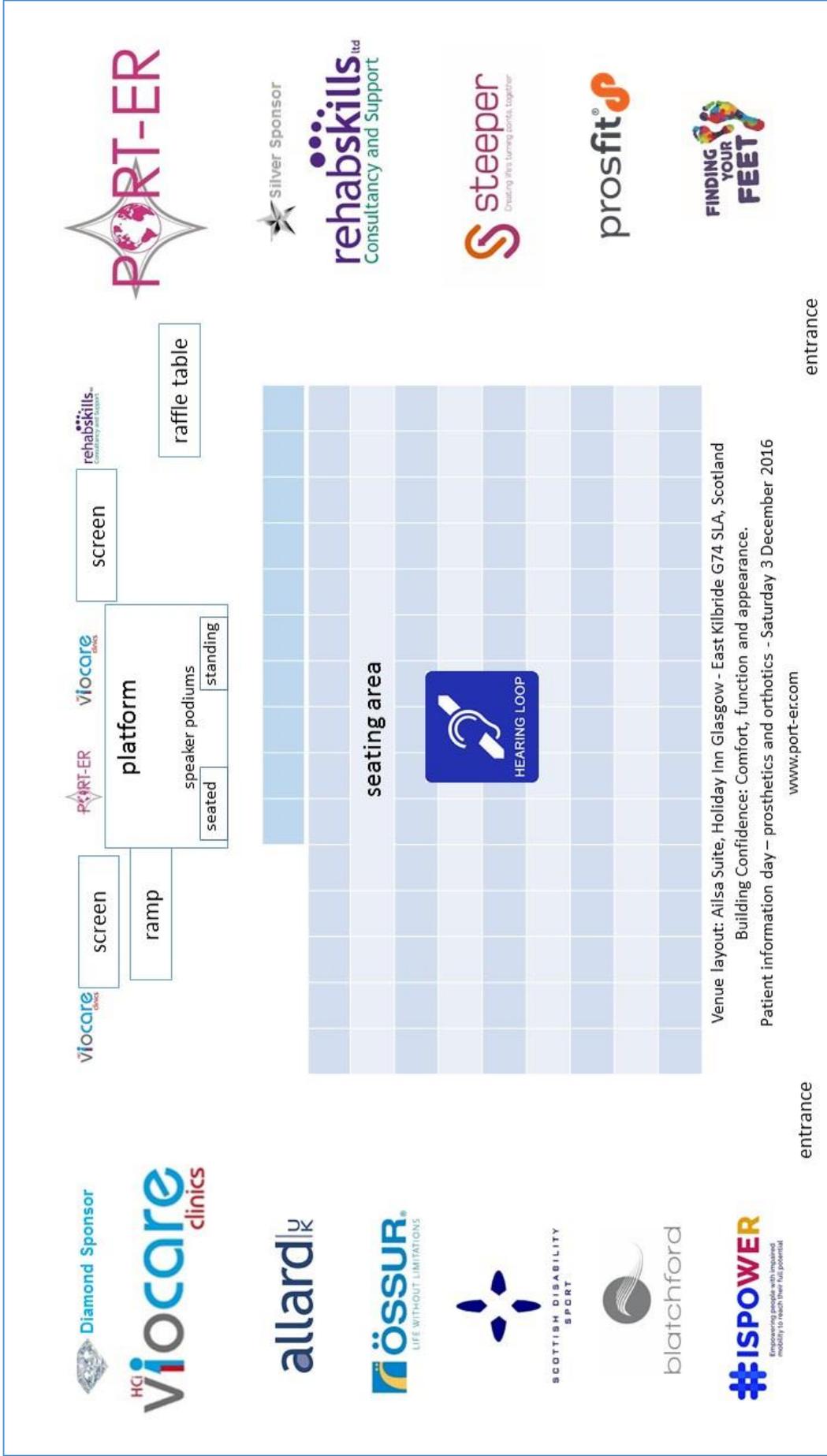
Exhibitors

	<p style="text-align: center;">Diamond Sponsor</p> <p>In HCi Viocare clinic Glasgow, we are dedicated to improving the health and wellbeing of people across the ability and activity spectrum. Our leading prosthetic and orthotic services, provided by a highly experienced team of experts, are supported by bespoke holistic rehabilitation programmes, delivered in our new, modern and comfortable facility. We pay much attention to personalized care and services. We never stop strengthening our technological know-how, scientific knowledge and practical expertise, for the benefit of our customers. Visit us www.hci-viocare.co.uk</p>
	<p style="text-align: center;">Silver Sponsor</p> <p>We deliver consultancy services through the skills and expertise of Sandra Sexton and a network of associates in the field of physical disability rehabilitation. Sandra is a prosthetist/orthotist by background is also a consultant with the World Health Organization. Please visit our stand to see examples of our work. www.rehabskills.com</p>
	<p>Allard Support UK Ltd is a subsidiary company of Camp Scandinavia offering the distribution of orthotic products from their range to the United Kingdom and Ireland. Allard UK is also the sole manufacturer of the Boston Brace scoliosis range of products for the UK, Ireland, Europe, Scandinavia and Eastern countries. www.allarduk.co.uk</p>
 <p>blatchford</p>	<p>Blatchford is a world leading rehabilitation provider with clinical expertise in prosthetics, orthotics, special seating and wheelchairs. We provide clinical services to the NHS & Military in the UK and to private patients both in the UK and internationally. We also design and manufacture the award-winning Endolite range of lower limb prostheses. www.blatchford.co.uk</p>
	<p>Limb loss and physical trauma can have a devastating impact and can change people's lives forever. We support individuals of any age, whether they are about to have an amputation; are living with congenital or acquired limb-loss or have suffered loss of limb function. We offer practical, emotional and financial assistance and information to individuals, carers, family members and friends, helping people find their feet in life again. To find out about the support we offer, or to find out how you can get involved with volunteering or fundraising for us, visit www.findingyourfeet.net</p>

Exhibitors

 <p>#ISPOWER Empowering people with impaired mobility to reach their full potential</p>	<p>#ISPOWER is a call to action for improved access to Prosthetics & Orthotics care and assistive health technology to help people with impaired mobility contribute fully to society. www.ispoint.org/ispower</p>
 <p>ÖSSUR LIFE WITHOUT LIMITATIONS</p>	<p>Pioneers of advanced technology, our mission is to improve people's mobility. As a global leader in non-invasive orthopaedics, we have nurtured an innovative mind-set, continuously pushing the boundaries to create the best products and services in the fields of Prosthetic, Osteoarthritis and Injury Solutions. www.ossur.co.uk</p>
 <p>prosfitt®</p>	<p>ProsFit envisions <i>A World where innovation limb wearers a choice of affordable, reliable and desirable prosthetic products and services</i> and its mission is to <i>Leverage technology to enable confident mobility</i>. It is driving a paradigm shift in how prosthetic sockets are specified, manufactured and fitted. Focussing primarily on socket comfort ProsFit's innovative and proven solution offers a number of advantages over traditional fitting methods, including improved "Time to Comfort" (T2C) and "Cost to Comfort" (C2C). http://prosfitt.com</p>
 <p>PORT-ER</p>	<p>PORT-ER is currently seeking donations and is raising funds to support our next grant round. Open applications PORT-ER Grant Round 2016 Our next grant round opens on Wednesday 1 February 2017 and closes at 5pm GMT on Tuesday 28 February 2017. www.port-er.com</p>
 <p>SCOTTISH DISABILITY SPORT</p>	<p>Scottish Disability Sport (SDS) is the Scottish governing and co-ordinating body of all sports for people of all ages and abilities with a physical, sensory or learning disability. SDS has the vision of developing opportunities and improving performance in disability sport for children, athletes and players with a physical, sensory or learning disability in Scotland and contributing to UK and international initiatives. SDS has a team of dedicated staff and is enormously proud of the quality and quantity of volunteers and athlete members who play a major part in the running of the Association. www.scottishdisabilitysport.com</p>
 <p>steeper Creating life's turning points, together</p>	<p>Steeper. Creating the turning points that enhance lives. For almost 100 years, we have broken boundaries in healthcare to create turning points that enhance lives. A technology and innovation specialist across prosthetics, orthotics and assistive technology. www.steepergroup.com</p>

Floor Plan



Speakers



10:00 – 10:15 Opening

Dr Lisa Cameron was born and raised in East Kilbride and still lives in South Lanarkshire with her husband Mark and their 2 children. After graduating from Strathclyde University with a degree in Psychology, Lisa went on to gain a Doctorate in Clinical Practice from Glasgow University. Working as an NHS Doctor in Wishaw General, Dykebar and Carstairs, she specialised in supporting clients with mental health and learning difficulties. Lisa has been able to use this experience in the House of Commons and since being elected has commissioned an adjournment debate on mental health provision for our armed forces veterans.

She has been an active local representative for the UK's biggest trade union, Unite, for more than 12 years. Lisa has campaigned for workers' rights, pay, and pensions and on issues of discrimination and equality and continues to do this as a member of the Trade Union Bill Committee at Westminster. Lisa is the Shadow SNP Spokesperson for Climate Justice and sits on the International Development Committee as well as Chairing the All Party Parliamentary Group on Disability. She attended the Sustainable Development Goals Summit in New York as the sole representative from Scotland, where world leaders formally adopted an ambitious new sustainable development agenda. This will serve as a launch pad for action by the international community and by national governments to promote shared international development and well-being. The global goals are vital to eradicate poverty and to work towards equality and social justice.



10:15 – 10:30 Personal experiences of an active life with an amputation

Colin Edwards is, amongst other things, a trustee of PORT-ER. He lives in the Teign Valley, Devon and until recently he farmed his own farm but had to sell it about 12 years ago. He now subcontracts, doing fencing, landscaping, gardening and generally anything outside.

Colin is a below knee right amputee and had his amputation about 17 years ago. The amputation was as result of a motorcycle accident he had when he was 20 but at that time the surgeons managed to save his leg. However, the resulting problems he had from the accident meant that he had many problems with his right leg because of lack of motor movement, hyper sensation and lack of circulation. Initially when he was younger this didn't cause so many problems although it was particularly un-sightly.

The ever increasing problems he was experienced with his leg, led to a surgeon suggesting amputation, but the decision has to be made by himself. So Colin is now an elective amputee which in the views of some carries a stigma. After a initial miserable first five years as an amputee, technology changed, and he could catch his sheep again!

Now Colin does a lot of running mainly cross country and he has done a few expeditions: one to base camp Everest: and one to Cotopaxi, the highest active volcano in the world. His running interests in conjunction with being an amputee have led him to

some pretty extreme events like the Grizzly and a few years ago he ran the South West Coastal path, 630 miles in five weeks, raising nearly £10,000 for PORT-ER.

He is very passionate about equality for amputees but believe amputees have to gain their own equality.



10:30 – 10:45 Looking after diabetic feet

Jo Allan is a PhD student at the University of Strathclyde. Following completion of a BSc (Hons) in Prosthetics and Orthotics she decided to stay in research and try to improve the care of the diabetic foot which had become an area of keen interest following clinical experience. She is HCPC registered and a member of BAPO and firmly believes that proactive management is a better approach than reactive treatment. With the exponential advancement in technology, the ability to harness this and incorporate it into the proactive management of conditions is of vital importance. Her research focuses on the diabetic foot and the use of smartphone technology for detection of early signs of problems to allow for proactive management. She is very passionate about proactive management and is convinced that prevention is better than cure and that it is completely achievable in the care of the diabetic foot.



10:45 – 11:00 Christmas Mini Lecture: How body signals can control technology

Sandra Sexton (Sandy) is a consultant Prosthetist/Orthotist with a rich experience in the health, rehabilitation and education sectors. She has a strong interest in the development of services for people with a disability and a belief that their care should be provided by appropriately trained and skilled professionals.

She is a co-founder and Chair of Trustees of PORT-ER. Her other voluntary roles include being an evaluator of training programs for the International Society for Prosthetics and Orthotics.

Sandy is currently working as an author with the World Health Organization and is drafting new Standards for Prosthetics and

Orthotics which will be published in May 2017. She also provides the Secretariat for the International Confederation of Amputee Associations among other national and international contracts. Sandy is tutor for a Masters module at the University of Strathclyde called "Disability and Societal Effects". When she is at home in Scotland Sandy is also a respite foster carer for young children with disabilities or nursing needs.



11:30 – 11:45 Personal experiences of regaining function and confidence after knee injury

Stewart Bondi is first and foremost a mountaineer. He first started climbing in 1974 and has since climbed extensively throughout the UK. He spent a number of years as the local rep for the BMC (British Mountaineering Council) then serving as chairman of the SW committee for three

years. He was also chairman of the South Devon Mountaineering Club for three years and spent some 12 years as an active member of the Dartmoor Rescue Team. He holds the Mountain Leaders Certificate, gained at Plas y Brenin and been a leader/instructor on two expeditions to Iceland. His mountaineering experience includes climbing a significant number of Scottish Munroes, many in winter conditions, soloing the Cullin Ridge, and climbing a number of mountains in the Alps, including the Eiger and Mont Blanc. He was a coach for the British Orienteering Federation and spent a number of years coaching juniors in the SW. He has competed in around 50 Mountain Marathons, planning the Original Mountain Marathon (previously known as the KIMM) in 2010 on Dartmoor. In 1995 he

completed the Bob Graham Round inside 24 hours (42 Peaks, 72 miles and 27,000' ascent in the Lake District) and in 2008 the Ultra Trail du Mont Blanc (103 miles through 3 countries) inside the time-limit of 48 hours. Fell Running and so running became a natural development of his enjoyment of the mountains, which also resulted in him becoming an experienced skier. He has been very, very impressed at how able disabled people become when skiing.

And then he met Colin Edwards. Colin joined in with the local Hash House Harriers while increasing his fitness for a trek to Everest Base Camp. Seeing his "disability", Stewart assumed he would be with us for a short time, as hash trails go over the roughest and hardest of terrain. Stewart was proved wrong. As Colin trained he gained in confidence and ability to manage all the demands of long distance running. Colin was and still is an inspiration.

Stewart's photography and videoing skills have been of value to PORT-ER. He hopes in the future to have the pleasure of helping others with disabilities to take part in some of his sports. Stewart's recent serious knee injury has given him an insight into mobility issues faced by people with disabilities and the challenges of adjusting to disability.



11:45 – 12:00 Utilising feedback to drive design of affordable, reliable & desirable prosthetic products & services

Alan Hutchison is a co-founder and CEO of ProsFit. He graduated from Oxford University in 1981 with an engineering degree, and is an experienced business development professional. After five years in engineering and production management in the UK, he moved to Switzerland, gaining an MBA from IMD business school, Lausanne. He then worked for seven years with a major international consulting company, developing business, operations and information technology

strategies for multinational companies active in industrial goods, medical and pharma products, consumer products and financial services. He headed corporate development for an equipment marketing company in Asia, refocusing the business on investors' needs, and set up joint ventures in Singapore and India. He returned to Europe in 1997 and joined the executive team of a global industrial products company that was turned around from losses to profit within 12 months. In 2002 Alan founded ClusterBridge in Switzerland, a consultancy specializing in international business development, supporting clients to define and implement innovative and profitable business models. The Hutchison family relocated to Bulgaria in 2012, where they founded ProsFit as a family business. The company recently closed its third round of external financing and now has a group of international investors. the company is enjoying growth in revenues, and employs 20 people.



12:00 – 12:15 Building confidence and sport

Hope Gordon is a member of the local branch of Highland Disability Sport and Forth Valley Disability Sport. Her sports are swimming and rowing and her events are 50m and 100m freestyle for swimming and single/ double sculls for rowing. Hope's classification is "S9 Trunk and arms (TA)". She says her best achievement to date is being in the Scottish National team for two sports at the same time, whilst being a full-time student and managing health problems. Her sporting highlight is the first time she represented Scotland in 2010.

Hope's sporting goals and aspirations are to be the best she can be and to get to the top level of her sports. You can follow Hope on social media Twitter @HopeGordon_ or on Facebook Hope Gordon



12:15 – 12:30 Options for prostheses and orthoses selection – choices in shape, materials and components

Brian Maguire is a Senior Prosthetist/Orthotist at HCl Viocare's Glasgow clinic. He is HCPC registered and a member of BAPO, Brian holds a BSc (Hons) in Prosthetics and Orthotics from the University of Strathclyde. He has earned his considerable stripes working at the specialist SMART Centre within the NHS, at Otto Bock and at Blatchford.

Brian is certified in the following technologies and techniques: Upper & Lower Limb bio-Design Hifi; C-Leg 4; Genium/X 3; Helix Hip; Orion & Elan; Meridian foot; Triton Smart ankle; iLimb; B Bionic hand; Rheo and Plie Microprocessor knee; Kenevo Knee.



13:30 – 14:00 Building confidence and well-being in response to disability

Professor Rajiv Hanspal is a Consultant Physician in Rehabilitation Medicine at the Royal National Orthopaedic Hospital Stanmore, Middlesex, UK. His past clinical appointments include Lecturer in Orthopaedics & Trauma Surgery, Charing Cross & Westminster Medical School and Hospital, London ; Medical & Senior Medical Officer, Disablement Services Authority, Dept of Health UK. Consultant Physician, The Hillingdon Hospital, Uxbridge, Middlesex.

Currently President of the International Society for Prosthetics and Orthotics (International), Professor Hanspal has been a member of several committees, sub-committees and working groups in UK, generally relating to services in Amputee and Prosthetics or Disabilities and Rehabilitation. Annually, he convenes a Course on Amputee and Prosthetic Rehabilitation in the UK. He is past chair of the Clinical Reference Group for Specialist Commissioning, NHS National Commissioning Board.

Professor Hanspal's professional & research Interests include: Amputee and Prosthetics Rehabilitation; Service Developments and Standards. Special Topics: Pain & Phantom Limb, Clinical Standards and Outcomes, Consequences of Amputation, Direct Skeletal Fixation and Congenital Limb Deficiency.



14:00 – 14:30 Comfort, function and appearance – essential steps for success

Richard Nieveen has been working as a Prosthetist since qualifying in 1989, throughout his career all his roles have been clinical and in lower limb prosthetics. During his early years he worked in research; this at a time of significant change in the approach to Trans-femoral fitting. He with colleagues in Blatchford's research centre pioneered development in the UK of Ischial containment socket design in the early 1990's. As a result of that influence, Richard has gone on to establish a strong reputation in

the development of socket fitting and design.

He has held specialist roles, taken part in research which he has published and presented at international meetings. In addition to teaching courses and workshops on socket design at

home and overseas. Richard spent his early career employed by Blatchford's in research, then clinical lead at the Royal National Orthopaedic Hospital, then as Blatchford's first Principal Prosthetist he provided specialist support and established a graduate development programme recruiting and training over 90 Prosthetic graduates in a 7 year period.

An advocate of a multidisciplinary approach to the rehabilitation of amputees he was one of the first Prosthetists to establish a multidisciplinary clinic in private practice this in 1995 at Unsted Park Hospital in Surrey.

In 2001 Richard formed ProActive Prosthetics a new independent company. The aim to build on the clinic he started at Unsted Park. Today Richard's team are one of the most experienced clinics in independent practice. In 2016 the clinic moved into a purpose built facility in Godalming Surrey.

In addition to supporting an increasing number of patients recommended, or referred to them, ProActive have provided specialist support to UKSport and British Athletics since 2010, with Richard travelling to the Paralympics in Rio this year, providing prosthetic support to athletes in Team GB.



15:00 – 15:15 Prosthetics & orthotics education and research at the National Centre

Dr Anthony McGarry. After completion of a BSc (Honours) qualification in prosthetics and orthotics in 1992, Tony worked in the health sector in the UK as a prosthetist / orthotist where he gained valuable clinical experience and understanding of issues associated with clinical practice and management. In 2001, he returned to the University of Strathclyde as a lecturer. His clinical and management experience allowed him to teach the subject in depth and he completed a Post Graduate Diploma in Advanced Academic Studies to facilitate

optimal learning strategies for students. He currently coordinates and teaches lower limb prosthetic courses and completed a PhD for research in Prosthetics in August 2009. He has several publications in peer reviewed journals with related international and national conference presentations.

His research interests are mainly in the field of lower limb prosthetics developing interests in shape capture systems, prosthetic socket and component design, gait analysis and outcome measurement. His PhD studied the repeatability, accuracy and reliability of prosthetic shape capture systems (including CAD/CAM).

Tony is also Education Chair of the British Association of Prosthetists and Orthotists and a member of the Health Care Professions Council.

15:15 - 15:30 Christmas Mini Lecture: Stability and safety

Sandra Sexton (Sandy)

15:30 - 15:45 PORT-ER development project grant awards

Local consulting with a global reach

Based in Lanarkshire, Rehabskills Ltd delivers prosthetics and orthotics projects in Scotland and internationally. Our flexible approach brings in the right kind of expertise for your project through our network of consultants and small businesses.

Contact Sandra Sexton, Director. Email sandy@rehabskills.com

Celebrating 10 years since our charity was founded

2016 Grant awards to be announced at this event.

Our next grant round opens on Wednesday 1 February 2017 and closes at 5pm GMT on Tuesday 28 February 2017. Please see our website for more information.

www.port-er.com



Prosthetics, Orthotics and Rehabilitation Technology - Education and Research

PORT-ER is a small charity run by volunteers. We can be contacted by email or post.

Email:

Mrs Sandra Sexton, Chair of Trustees: sandy@port-er.com

Mrs Mel Wade, Secretary: mel@port-er.com

Post to our registered office:

Mrs Mel Wade, Secretary PORT-ER, 50 Littlemead Lane, Exmouth, Devon. EX8 3BS

Registered charity number: 1116594

Company registration number: 5735089 (England)

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