

INTERNATIONAL
SOCIETY FOR PROSTHETICS
AND ORTHOTICS

ISPO biennium report 2017-2019

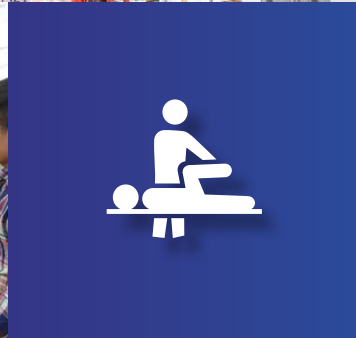
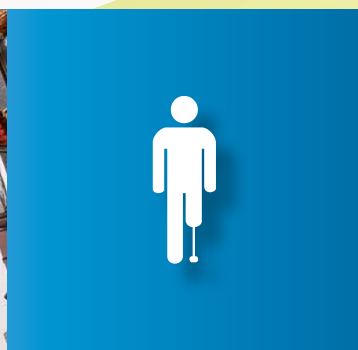


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About ISPO



INTERNATIONAL
SOCIETY FOR PROSTHETICS
AND ORTHOTICS

*ISPO is a **multidisciplinary organisation** that promotes access to appropriate and equitable rehabilitation, mobility devices, and other assistive technology to improve the quality of life for people with reduced mobility. ISPO membership includes all rehabilitation professionals (i.e. prosthetists and orthotists, prosthetic and orthotic technicians, orthopedic surgeons, rehabilitation doctors, physiotherapists, occupational therapists, orthopedic shoemakers, nurses and biomechanical/ rehabilitation engineers, etc...) along with industry and users of assistive technology services.*

ISPO's vision

A world where all people have equal opportunity for full participation in society.

ISPO's mission

To improve the quality of life for persons who may benefit from the rehabilitation practice of prosthetic, orthotic, mobility and assistive technology by:

- Promoting multidisciplinary practice;
- Facilitating professional education to provide quality care;
- Promoting research and evidence-based practice;
- Facilitating innovative and appropriate technology;
- Fostering international collaboration and consensus;
- Facilitating knowledge exchange.

President's foreword



Friedbert Kohler OAM,
ISPO President 2017-2019

It is my great pleasure to present the biennium report for the period 2017-2019. The report captures a snapshot of ISPO's activities over the last two years. The biennial ISPO World Congress is the main highlight.

The return of the World Congress to Kobe emphasises the significant contribution that Japan makes to the development of prosthetic and orthotic services, particularly in Asia, as well as the country's role

in developing high-technology products in the field of assistive technology, prosthetic and orthotics.

The 17th World Congress in Kobe will co-host a double symposium with the World Health Organization (WHO) that focuses on one of the world's growing challenges: how to manage assistive technologies in an ageing society. Under the theme of "Basics to Bionics", the World Congress encapsulates the activities of ISPO over the last biennium with a broad focus on providing basic education and services, harnessing advanced technology to even higher levels for the benefit of individuals who need assistive technology.

This year marks the commencement of our golden jubilee celebrations, which will take place over the next two years. From its inception in 1970, ISPO has grown continuously, with members in over one hundred countries. ISPO's strength continues to lie in the commitment of its members and the many activities at the level of the member societies, the regional collaborations and the international Society.

ISPO's mission underpins its activities and improves the quality of life for persons who may benefit from prosthetic, orthotic, mobility and assistive technology. More than ever, the mission also indicates the Society's relevance in the context of the Global Cooperation on Assistive Technology (GATE) and ATScale.

Relationships with non-governmental organisations and other bodies is of great significance to bring even greater results. To recognise the importance of these relationships, the Open Board was renamed the ISPO Global Partnership Exchange (ISPO-GPEX), emphasising the extent and diversity of the partnerships, their purpose in being interactive and working together on common projects. Currently, there are 27 members included in the Global Partnership Exchange.

Collaboration has been a major focus of the Society over the last two years. Internally, this was demonstrated by the large number of conferences and meetings where ISPO was represented by one or more members of the Executive Board. Our collaboration with the WHO has never been stronger, with representation in numerous working groups to further develop the rehabilitation and the assistive technology sectors. Once again this year, the World Congress hosts two sessions with the WHO.

The 16th ISPO World Congress held in Cape Town in May 2017, under the theme of "Assistive Technology for All" was an excellent springboard to building further activities stemming from the congress. This includes increasing collaborations on the African continent, especially with the Federation of African Orthopaedic Technicians (FATO) as well as the evolution of other regional partnerships. In July 2018, ISPO together with the International Committee of the Red Cross (ICRC), ICRC mobility and the International Confederation of Amputee Associations (IC2A) hosted a market stand at the Global Disability summit entitled: "Partnership for Quality Provision; Prosthetic Limb Technology."

The #ISPOWER advocacy campaign continues to promote the independence and empowerment of people with mobility impairment, with significant support and engagement on social media.

The Education Committee was able to review and publish the new Education Standards for Prosthetic and Orthotic Occupations, which are aligned with the prosthetic and orthotic standards developed and released by the WHO. This major overhaul ensures that the Education Standards are relevant to today's needs. The second Global Educators Meeting in Göttingen, Germany in September 2018, was a great success in bringing together educators and stakeholders from around the globe for discussion and collaboration. Participants were introduced to new educational concepts, delivery methods and various programme models. The meeting culminated with the introduction of the new education standards.

Our Scientific Committee is active in all aspects related to research, development and knowledge growth. It offers programmes to mentor researchers, develop guidelines for scientific and research collaborations. It is also part of the jury for the ISPO scientific prizes and awards and is instrumental in facilitating the establishment of consensus procedures and guidelines.

The greatest asset, and the basis for ISPO's success, is every individual member. Our dedicated membership drives the agendas, contributes to the work and successful outcomes of all committees and workgroups and sets the basis for collaborations with other partners. On behalf of the Executive Board and the International Committee, I thank all of you for your dedication. This allows us to achieve our vision: "a world where every person has an equal opportunity for full participation in society." All our efforts ultimately work together for the patient, their carers and support teams.

I am grateful that you have entrusted me with the opportunity to be part of this great organisation and serve as your president for the last two years. I wish ISPO and everybody associated with the Society ongoing success into the future.

Friedbert Kohler OAM,
ISPO President 2017-2019

Learn



Bryan Malas, ISPO Education Committee Chair

The biennium 2017-2019 was filled with many outstanding events and the ISPO Education Committee has accomplished some great achievements over this period. While we celebrate the past two years, we are already looking to the future with lots of enthusiasm. I would like to start by saying that it has been a privilege to be the Chair of the ISPO Education Committee. It has given me a chance to work closely with a motivated and committed group of people whose contribution was key to the success of the Education Committee.

In 2018, after a period of intense and constant work, we completed the new ISPO Education Standards for Prosthetic and Orthotic Occupations. These bring a new approach to education that aligns with conventional accreditation practice, refined processes, quality services and clarity. The new Standards speak to the needs of prosthetic and orthotic programmes around the globe – ensuring added refined accreditation processes, quality services and clarity.

During this biennium, we focused much attention and activity on organising the second edition of the Global Educators Meeting (GEM) 2018. Over 100 educators, representing 38 countries, attended the meeting and enjoyed an eclectic programme of talks and sessions.

In the last two years, we have also seen many programmes get involved in our core activity and participate in the ISPO accreditation process.

New goals and challenges will mark the next biennium. I would like to take the opportunity to wish success to my successor, Helen Cochrane, as well as all the members of the ISPO Education Committee.

Bryan Malas

The ISPO Education Committee would like to recognise the support of everyone who contributed to the success of ISPO educational activities during the biennium 2017-2019.

Discover the new ISPO Education Standards

In 2010, after two decades of relatively stable expectations, the ISPO Education Committee believed it was time to revise the ISPO Education Standards for Prosthetic and Orthotic Occupations.

The revision process of the Standards was led by the ISPO Standards Subcommittee. Public consultations were carried out among different stakeholders. The current version of the Standards now speaks to their needs.



The ISPO Education Standards for Prosthetic and Orthotic Occupations were written in line with the World Health Organization (WHO) prosthetics and orthotics service standards.

Recognition: ISPO Standards Subcommittee, in particular Carson Harte (UK) and Helen Cochrane (Canada).

About the ISPO Standards

- Provide a “one world” approach to respond to the diversity of education models;
- Ensure alignment with programmes worldwide;
- Raise the profile of the prosthetic and orthotic profession;
- Promote outcome-based education;
- Raise awareness about the inclusion of the profession and services in global advocacy.

What’s new about the ISPO Standards?

- **Terminology and descriptions explaining the various levels of training among prosthetic and orthotic professionals were developed to better align with recognised descriptors that are more easily understood by users and colleagues.**
 - Category I → Prosthetist/Orthotist
 - Category II → Associate Prosthetist/Orthotist
 - Category III → Prosthetic/Orthotic Technicians
 - ISPO Recognition → ISPO Accreditation
 - ISPO Evaluators → ISPO Auditors
- **A new reporting format** so programmes are assessed in a more timely, consistent and reliable way.
- **An automatic assessment process with increased service quality.**
- **15 Standards across five domains.**
- **Evidence of compliance.**



Picture: Giles Duley (CEO, Legacy of War Foundation)



Scan the QR code to download the ISPO Education Standards

ISPO accreditation activities

Every year a growing number of programmes worldwide choose to seek ISPO accreditation. This accreditation is designed to ensure that prosthetic and orthotic programmes have the infrastructure and resources in place to guide students to become entry-level practitioners who are able to increase access and provide a quality prosthetic and orthotic service.

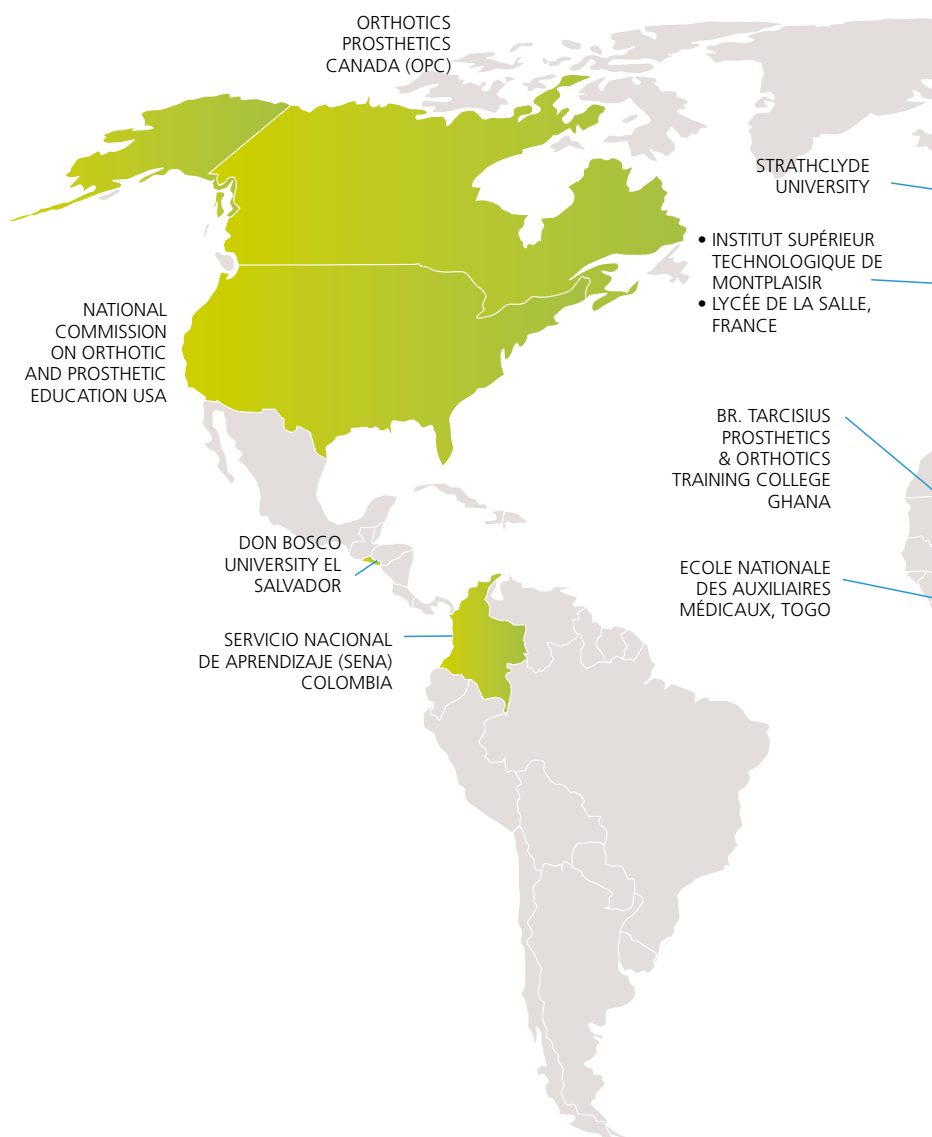
To date, ISPO has granted recognition to over 50 prosthetics and orthotics training programmes and professional pathways, resulting in over 4,900 graduates who receive an ISPO certificate that provides evidence of the quality of their education.



© Exceed Worldwide

Recognition:

ISPO auditors: Aaron Leung (Hong Kong), Achille Otou-Essono (Cameroon), Adama Amah (Togo), Alain Plouffe (France), Amanda Barizo (Canada), Anthony Francis (Australia), Bakth Sarwar (Pakistan), Bryan Malas (USA), Carlos Zelaya (El Salvador), Cathy McConnel (Canada), Christian Schlierf (Germany), Claude Tardif (France), Daniel Frenking (Germany), Desire Ngendayo (Rwanda), Elaine Figgins (UK), Favio Montane (Argentina), Fred Holtkamp (The Netherlands), Heinz Trebbin (Germany), Helen Cochrane (Canada), Hung-Hei Kwan (Hong Kong), Joshua Utay (USA), Karinne Mialone (France), Nathalie Anglehart (Canada), Nerrolyn Ramstrand (Sweden), Reichsteiner Michael (The Netherlands), Ritu Gosh (India), Robin Seabrook (USA), Rowan English (Australia), Sandra Sexton (UK) and Shin Sasaki (Japan).





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ISPO accreditation - biennium 2017-2019



5 consultations

- 1 Zambia
- 2 Japan
- 1 Turkey
- 1 Myanmar



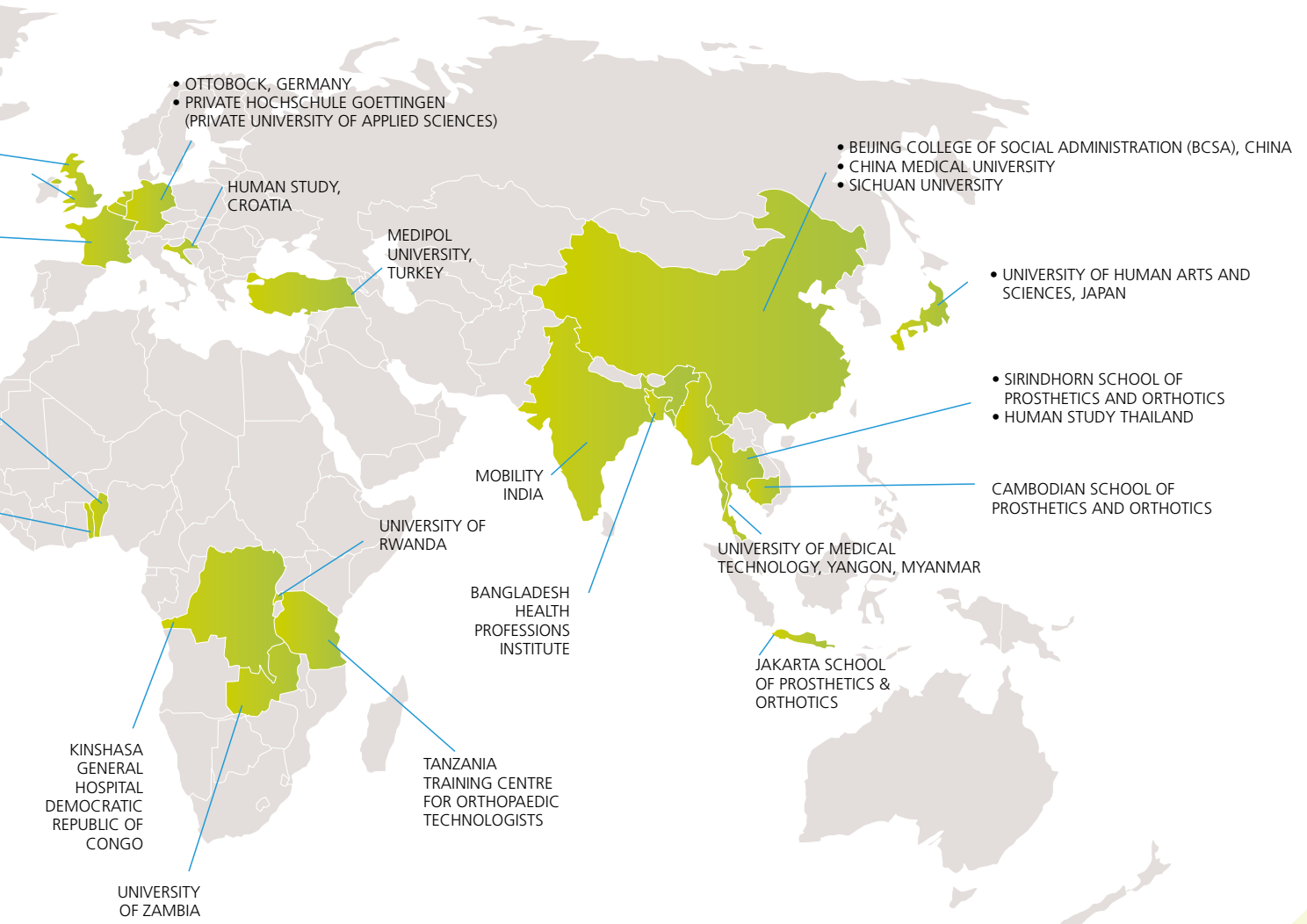
11 renewed accreditations
for category II



4 newly accredited
programmes



30 onsite visits to
prosthetic and orthotic
programmes in over
20 countries



ISPO GEM 2018: exchange, professional development and supportive learning



The second edition of the ISPO Global Educators Meeting (GEM) was held in Göttingen (Germany) from 18 to 20 September 2018 and hosted by the Private University of Applied Science (PFH).

Organised every four years, ISPO GEM is the go-to event for the international prosthetic and orthotic communities invested in education. The highlight of the meeting was the introduction of the new ISPO Education Standards for Prosthetic and Orthotic Occupations.

“Educators set the scene, not just for the next generation, but for the generation beyond.”

(Friedbert Kohler OAM, ISPO President 2017-2019, on ISPO GEM2018)



GEM participants.

“Where we start and where we go is all about people.”

(Bryan Malas, ISPO Education Core Committee 2017-2019 on ISPO GEM2018)

This edition gathered over 100 participants representing 38 countries, including educators and stakeholders as well as non-governmental organisations, accredited bodies and industry partners. They actively came together to build an ongoing exchange, professional development and supportive learning.

With a three-day programme, the meeting attracted junior and senior faculty members alike and focused on three main themes:

- Learning facilitation;
- Standards, assessment and programme development;
- Collaboration.

Recognition:

Global Educators Meeting (GEM) 2018 Working Group:

Bryan Malas (Chair, USA), Mary Scott (Co-chair, UK), Berit Hamer (Germany), Carson Harte (UK), Christian Schlierf (Germany), Dan Blocka (Canada), Gudrun Roehling (PFH, Germany), Nerrolyn Ramstrand (Sweden), Pearl Boshof (South Africa), Rowan English (Australia), Seng-iad Bam Sirirat (Thailand), Thor Phearsa (Cambodia)

GEM sponsors:

- **Diamond:** Ottobock
- **Gold:** Blatchford, Boundless, Human Study.
- **Bronze:** BECKER, BIV-OT, Friddle's Orthopedic Appliance, INC, Össur, Rodin 4D, SPS, Streifeneder ortho.production GmbH, Tamarack.
- **Other supporters:** Inc, International Committee of the Red Cross (ICRC), ISPO Norway, ISPO South Africa, MoveAbility Foundation, Orthomerica Products.

More inclusive education with e-Learning

One of ISPO's core values is professional development. In the past two years, the ISPO e-Learning Subcommittee has played a key role in ensuring inclusive learning through online education for ISPO membership and beyond.

The **ISPO e-Learning Lecture Series** complemented the recordings of keynote speeches and lectures from the ISPO World Congress 2017 (Cape Town, South Africa), the Global Educators Meeting 2018 (Göttingen, Germany), and

the Asian Prosthetic and Orthotic Scientific Meeting 2018 (Bangkok, Thailand).

This series of online lectures offers a real multidisciplinary learning experience, with topics ranging from research and clinical findings to matters of general interest.

In the context of professional development, ISPO leadership has started to lay out a continuing professional development strategy.

Short Courses: interactive learning for members worldwide

Through short courses, ISPO helps its members and professionals in general stay abreast of current issues and professional standards for the care of people with physical disabilities. These courses provide teaching and training to professionals in the field of prosthetics and orthotics and related areas, with a special focus on emerging and developing countries.

Managing cerebral palsy

June 2017 – Bangladesh

The ISPO Member Society in Bangladesh, in cooperation with the Centre for the Rehabilitation of the Paralysed, organised a four-day course in Dhaka. Some 41 participants listened to theoretical presentations from international faculty and hands-on workshops on managing patients with cerebral palsy.



Patient demonstration by Jules Becher

ISPO wishes to thank the following faculty members who delivered Short Courses during the biennium 2017-2019:

Jules Becher, Eline Bolster, Roy Bowers, Elizabeth Condie, Peter de Groot, Jennifer Fawcett, John Fisk, Tom Gort, Carol Hentges, Olle Hjelmström, Shane Keaveny, Robin Kerrigan, Mahboobeh Medikhani, Nick Meijer, Shohanool Neaz Imran, Rune Nilsen, Ester S. Pasaribu, Aratatan Patra, Judy L. Ranka, Reynaldo R. Rey-Matias, Mark Smith, Tessa Temmink, Mirjam van Eck and Petra van Schie.

The theory and practicalities of prosthetics and orthotics

August 2017 – Indonesia

ISPO Indonesia, Exceed Jakarta Indonesia and the Jakarta School for Prosthetics and Orthotics joined forces to offer a four-day course to prosthetic and orthotic practitioners in Jakarta. They attended a variety of theoretical and practical sessions led by an international faculty.



Short Course team with patients and Jules Becher

October 2018 – Iran

The ISPO National Society in Iran, with an international faculty led by Jules Becher, organised a four-day course in Tehran. It was a combination of theoretical lectures and hands-on training. Some 80 participants, including medical doctors, physiotherapists and occupational therapists as well as certified prosthetists and orthotists attended this course.



Participants during the workshop

April 2019 – the Philippines

Organised in cooperation with ISPO Philippines and an international expert group, this short course offered a programme that included theory and hands-on training.



Organising team at Short Course on managing cerebral palsy in the Philippines

Interdisciplinary approach to managing strokes

November 2017 – India

The ISPO National Society in India alongside the National Institute for Locomotor Disabilities organised a short course focusing on an interdisciplinary approach to stroke management. The training offered over 160 participants the chance to learn from an international faculty.



Lectures and participants speaking at the Short Course in India

Since its inception in 1970, ISPO has delivered



82 Short Courses
and workshops on the following topics:

- Orthotic management of the spine;
- Moderate adolescent idiopathic scoliosis;
- Cerebral palsy;
- Stroke;
- Lower limb amputation.

Moderate adolescent idiopathic scoliosis

November 2018 – India

ISPO India and the Christian Medical College in Vellore organised a short course over three days offering participants clinical and basic science lectures on understanding the use of spinal orthoses in the care and treatment of adolescent idiopathic scoliosis.



Roy Bowers demonstrates the idiopathic scoliosis treatment

Orthotic management of the spine

March 2018 – Cambodia

110 participants from 12 countries took part in a short course organised by the Cambodian School of Orthotics and Prosthetics, with support from the Nippon Foundation, Australian Aid (DFAT), the World Health Organization and the International Committee of the Red Cross (ICRC). This course was endorsed by ISPO and provided theoretical and hand-on training delivered by an international faculty.



Organisers of the Short Courses on orthotic management of the spine

Exchange

ISPO World Congress – learning and interacting on a global scale

As ISPO's flagship meeting, established in the 1970s, the ISPO World Congress is a unique interactive forum for the global community of professionals involved in the care of persons in need of prosthetic, orthotic, mobility and assistive devices. They can come together to learn about the latest scientific and clinical advances, products, innovative technologies, designs and materials in prosthetic and orthotic care.

ISPO World Congress 2017



The 16th ISPO World Congress was held in Cape Town, South Africa from 8 to 11 May 2017 and welcomed over 2,000 delegates from 103 different

countries (37% from the African continent).

For the first time, the congress was held on the African continent. The theme of "Assistive Technology for All" applied to the multidisciplinary learning needs of congress delegates and programme participants. Choosing Africa as a location for the congress increased prosthetics and orthotics awareness in the region and presented the opportunity to partner with several bodies including the Federation of African Orthopaedic Technicians (FATO). The congress led to the establishment of the ISPO/FATO Council, which was formalised by both organisations signing a Memorandum of Understanding in December 2018.



From right to left: Alarcos Cieza, Disability Programme Coordinator, WHO; Rajiv Hanspal, ISPO President 2015-2017; Chapal Khasnabis, Programme Manager, Global Cooperation on Assistive Technology (GATE), WHO; Mike Barkley, ISPO South Africa President at the opening of the World Congress 2017 exhibition.

The prestigious Knud Jansen Lecture, which is traditionally presented during the opening ceremony, was given by Claude Tardif, International Committee Red Cross (ICRC) and current member of the ISPO Executive Board. He addressed the importance of access to services for mobility devices in low-income countries.

New features were introduced for the first time:

- An inspirational lecture delivered by Giles Duley during the congress opening ceremony and sponsored by the International Confederation of Amputee Associations (IC2A).
- A special GATE Symposium on "Assistive Technology for All" with high-level speakers and participants from governments and leading international institutions, jointly hosted by the WHO and ISPO with the support of the United States Agency for International Development (USAID).
- Official launch at the opening ceremony of the WHO Standards for Prosthetics and Orthotics developed by the WHO in collaboration with ISPO and USAID.

The congress programme comprised of four keynote lectures and one inspirational lecturer, 115 sessions, 394 speakers and presenters, 21 instructional courses, 51 symposia, over 200 poster presentations, as well as 21 exhibitor workshops. In the exhibition area, 86 exhibiting organisations presented their products and activities to the audience.

Best Paper and Poster Prizes were awarded in the categories of clinical treatment, advancing technology and advancing education.

The Forchheimer Prize was awarded to Elisa Bettoni, Giorgio Ferriero, Hadeel Bakhsh, Elisabetta Bravini, Giuseppe Massazza and Franco Franchignoni for the most outstanding paper on systematic review of questionnaires to assess patient satisfaction with limb orthoses. The article was published in *Prosthetics and Orthotics International* during the years prior to the congress.

The First Brian and Joyce Blatchford Team Prize for Innovation was awarded to Dr. Rickard Brånemark, Dr. Max Ortiz Catalan, Dr. Bo Håkansson and Dr. Sahlgrenska from the University Hospital Gothenburg for their work on the search for the perfect substitution for a lost extremity.

ISPO supported the attendance of participants from low-and lower/upper-middle income countries by funding 36 travel grants and complimentary registrations.

ISPO World Congress 2019

The 17th ISPO World Congress takes place in Kobe, Hyogo, Japan from 5 to 8 October 2019.



The congress theme “Basics to Bionics” captures the breadth of the congress in every aspect. Japan was chosen as host because of its long history of innovation in the fields of prosthetics and orthotics, robotics and artificial intelligence, rehabilitation, mobility devices, and assistive technology.

The high-calibre scientific programme based on 18 topics and delivered by a variety of professionals from various disciplines and regions perfectly fits the congress theme. Moreover, the exhibition will showcase the latest product innovations and trendsetting technologies.

Besides the Knud Jansen lecture, which will be presented by David Constantine (MBE, co-founder Motivation UK), and the IC2A Inspirational lecture, which will be presented by Desmond Tong, the programme includes three high-level keynote lectures, 28 instructional courses, 25 symposia and more than 500 papers that are presented during scheduled, paper-free sessions in the poster area.



Prizes

- Forchheimer Prize
- Brian and Joyce Blatchford Team Prize for Innovation
- SAGE Elite Reviewer Award for 2019
- SAGE Travel Grants
- World Congress Best Paper and Poster Prizes
- Yeongchi Wu International Education Award



Scientific programme

28 instructional courses

25 symposia

500 scientific papers and posters



Key lectures

Knud Jansen lecture:
David Constantine

IC2A Inspirational lecture:

Desmond Tong

Three keynote speakers

Eiichi Saitoh
Max Ortiz Catalán
Deirdre Desmond

ISPO World Congress 2021



2021
MÉXICO

ISPO
18TH WORLD CONGRESS
19 - 22 April 2021
Guadalajara, Mexico



The 18th ISPO World Congress will be held in Guadalajara, Mexico, from 19 to 22 April 2021. The 18th ISPO World Congress is organised by ISPO Mexico, ISPO Canada and ISPO USA.



Regional meetings: sharing science across regions

ISPO values the exchange of science and knowledge and provides education through organised regional meetings. Over the last two years, ISPO Member Societies and related professional organisations have set up various important regional initiatives, which have greatly contributed to advancing prosthetics and orthotics and related professions.

The Americas

American Orthotic Prosthetic Association (AOPA) 101st National Assembly 2018

26-29 September 2018 - Vancouver, Canada



ISPO Executive Board members Edward Lemaire, Marlo Ortiz and Terry Supan attended the 2018 AOPA National Assembly to present a full review of the WHO Standards for Prosthetics and Orthotics (Standards and Implementation Manual).

As ISPO President-Elect, Edward Lemaire also led the popular education session on WHO Standards for Prosthetics and Orthotics (Policy, Products, Personnel and Provision).

8th Uniting Frontiers Forum

28 April-1 May 2019 - Ciudad de Antigua, Guatemala

Over 200 participants from various professions in the sector joined the 8th United Frontiers Forum where ISPO President-Elect Edward Lemaire opened the meeting by introducing ISPO and presenting the Global Standards for Prosthetic and Orthotic Education and Services. ISPO Executive Board members, Marlo Ortiz and Terry Supan, represented ISPO and delivered two presentations respectively on "Alternatives when fabricating orthoses and prostheses with the use of HTV silicone" and "Prosthetics and orthotics based on evidence: documentation of this care through clinical evaluations, biomechanical/physiological principles and measurement of results."



Other regional events attended by the ISPO Executive Board members, included:

- 2nd AOPA World Congress, 6-9 September 2017, Las Vegas, USA;
- ISPO Canada Symposium, 29-30 September 2017, Toronto, Canada;
- US-ISPO 2017 Caribbean Rim Conference, 26-28 October 2017, San Juan, Puerto Rico;
- EXPO-ORTOPÉDICA 2018, 15-16 August 2018, Buenos Aires, Argentina;
- EXPO-ORTOPÉDICA 2019, 06-08 June 2019, Buenos Aires, Argentina;
- REHAB WEEK, 24-25 June 2019, Toronto, Canada;
- AOPA National Assembly 2019, 20 September 2019, San Diego, CA, USA.

Europe

OT World

15-18 May 2018 - Leipzig, Germany

In 2018, OT World welcomed 2,500 congress delegates from 60 countries to discuss the latest research and development work and practical experiences with 320 internationally-recognised speakers. Interdisciplinarity is key at OT World. The congress programme involved 400 lectures and a number of them were presented by the ISPO Executive Board members who actively contributed to the 120-hour congress programme.

International Central European ISPO Conference 2018

20-22 September 2018 - Portorož, Slovenia

The International Central European ISPO Conference, organised by ISPO and the Rehabilitation Institute of the Republic of Slovenia, was attended by ISPO President, Friedbert Kohler, ISPO Past-President Rajiv Hanspal, ISPO President-Elect Edward Lemaire and ISPO Treasurer Terry Supan. ISPO Executive Board members presented ISPO, the WHO Standards for Prosthetics and Orthotics (Policy, Products, Personnel and Provision) and the ISPO Education Standards for Prosthetic and Orthotic Occupations.

TIPS/ISPO/BACPAR Annual Scientific Meeting and Exhibition 2019

20-23 March 2019 - Salford, Manchester, United Kingdom

ISPO UK, the organising committees of TIPS2019 and the British Association of Chartered Physiotherapists in Amputee Rehabilitation (BACPAR) developed a first-class programme for the TIPS/ISPO/BACPAR Annual Scientific Meeting, which ran for four consecutive days in Salford, Manchester, United Kingdom.



EXCHANGE



The theme of the conference was "Moving beyond the lab" and the programme comprised of three keynote speakers and over 60 guest lectures, paperless

presentations, poster exhibitions and workshops. A commercial exhibition ran in tandem with the meeting, offering delegates an opportunity to discover the latest innovations in rehabilitation engineering and assistive technologies.

All ISPO Executive Board members attended the conference and contributed to the programme by delivering the following presentations:

- ISPO President, Friedbert Kohler OAM delivered the Blatchford Lecture on "Advances in prosthetic rehabilitation: evidence-based practice with clinical outcomes";
- ISPO President-Elect, Edward Lemaire gave a lecture on "Patient experiences of advanced stance orthotic knee control";
- ISPO Scientific Committee Chair, Man-Sang Wong presented the OETT Lecture on "Advanced Technology for Assessment and Orthotic Management of the Patients with Adolescent Idiopathic Scoliosis";
- ISPO Executive Board member, Carson Harte gave a lecture on "Prosthetic Standards".

Other regional events attended by the ISPO Executive Board members, included:

- ORTO MEDICAL CARE 2018 Congress and Trade Show for Orthopaedics, Technical Aids and Professional Services for the Elderly, 25-26 October 2018, Madrid, Spain.

Middle East and Africa

1st International Arabian Congress for Prosthetics and Orthotics

15-17 April 2019 – Amman, Jordan

ISPO Jordan, the United Arab Society for Prosthetics and Orthotics (UASPO), and ISPO Member Societies from the region organised this first international congress that convened more than 150 participants from 10 Arabian countries. During the congress, ISPO representatives Helen Cochrane presented the ISPO Education Standards for Prosthetics and Orthotics Occupations and Claude Tardif introduced the WHO Standards for Prosthetics and Orthotics. In addition, ISPO representatives visited the Faculty of Rehabilitation Sciences at

the University of Jordan and Claude Tardif had several bilateral meetings with ISPO Member Societies from the region.



Other regional events attended by the ISPO Executive Board members, included:

- Symposium on Rehabilitation and Mobility Devices Services in Africa, 03-06 June 2018, Kigali, Rwanda.

Asia

The Asian Prosthetic and Orthotic Scientific Meeting (APOSIM) 2018

7-9 November 2019 - Bangkok, Thailand



APOSIM 2018 was hosted by ISPO Thailand, Mahidol University



and the ZY Movement Foundation, in conjunction with the 4th ASEAN Seminar on Multidisciplinary Care for Children with Mobility Impairment. It gathered over 300 participants from

different countries in the region.

The theme of the meeting was "Prosthetics and Orthotics Empowering Asia." Its objective was to foster cooperation among regional organisations and explore how WHO, ISPO, the International Committee Red Cross (ICRC) and the International Confederation of Amputee Associations (IC2A) can implement prosthetic and orthotic provisions in the region. The ISPO Executive Board held a face-to-face meeting before the event, and actively contributed to the APOSIM scientific programme and to the establishment of ISPO Asia.

Oceania

Pacific Rehabilitation and Mobility Conference

3-4 April 2019 - Nadi, Fiji



During this conference, ISPO President, Friedbert Kohler



OAM presented the role of ISPO particularly in relation to continuing professional development. Clinicians and disability representatives from many Pacific countries

also discussed the current state of rehabilitation and assistive technology services as a way forward to develop and improve services provided in the region.

Other regional events attended by the ISPO Executive Board members, included:

- US-ISPO 2018 Pacific Rim Conference, 21-24 June 2018, Lahaina, Hawaii

Publications: learning about prosthetics and orthotics and staying up to date with ISPO news



Karen L. Andrews MD, ISPO
Publications Committee Chair

In accordance with its mission, ISPO publishes peer-reviewed information in journal, text, and electronic formats. ISPO members and stakeholders

are also kept up to date on Society developments through the eUpdates, social media and the website.

Since January 2019, the Society's official journal Prosthetics and Orthotics International (POI) has a new team of Editors-in-Chief, including Stefania Fatone, Nerrolyn Ramstrand, Brian Hafner, and Michael Dillon.

With this new leadership, POI continues to be one of the major international scientific publications in the field of prosthetics and orthotics and improve its outreach and quality. We are very pleased with their leadership.

Karen L. Andrews MD

ISPO's official journal

ISPO's flagship scientific publication is *POI*, a multidisciplinary journal targeted at professionals interested in the medical, clinical, rehabilitation, technical, educational and research aspects of prosthetics, orthotics and rehabilitation. The journal publishes six issues each year with original research reports, literature reviews, case reports, clinical notes, technical notes, letters to the editor, and editorials.

A new editorial leadership

Dr Timothy Bach served as the Editor-in-Chief until the end of 2018. In January 2019, a new editorial leadership model was implemented with Drs Stefania Fatone, Michael Dillon, Nerrolyn Ramstrand and Brian Hafner assuming the roles of co-Editors-in-Chief.



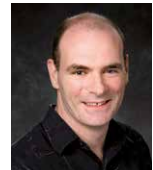
Stefania Fatone



Brian Hafner



Nerrolyn
Ramstrand



Michael Dillon

This change recognises the challenges of having one person effectively meet the many demands of leading a contemporary, peer-reviewed journal. *POI* benefits from the extensive experience that this team brings as authors, reviewers, and associate editors. We are also confident that having such a strong editorial team maximises our ability to make *POI* the journal of choice for all of those who wish to access and contribute to our rich and growing body of knowledge.

In 2019, the new editorial leadership increased the number of associate editors, re-invigorating the editorial board.

It also drafted terms of reference for the editorial board, updating conflict of interest policies and submission guidelines, decreasing the backlog of manuscripts, expanding article submissions to formally include qualitative research articles, exploring methods of mentoring reviewers and improving review quality.

Editorial board members at large:

Elaine Ball (UK), Robert Bowers (UK), John Bowker (USA), Reinald Brunner (Switzerland), Helena Burger (Republic of Slovenia), Deirdre Desmond (Ireland), Pamela Gallagher (Ireland), Bernhard Greitemann (Germany), Kerstin Hagberg (Sweden), Marie Christine Hobatho (France), Kenton Kaufman (USA), Rune Nilsen (Norway), Jim Woodburn (UK).

Associate editors:

Vibhor Agrawal (USA), Jan Andrysek (Canada), Sarah Anderson (Australia), Cleveland Barnett (UK), Andrea Cutti (Italy), Joseph Czerniecki (USA), Joshua Caputo (USA), Nachiappan Chockalingam (UK), Fan Gao (USA), Jacqueline Hebert (Canada), Toshiki Kobayashi (Japan), Laura Miller (USA), Samuel L. Phillips (USA), David Rusav (Sweden), Reza Safari (UK), Andrew Sawers (USA), Marietta van der Linden (The Netherlands), Christopher Kevin Wong (USA), Shane Wurdeman (USA).

SAGE Elite Reviewer Award

The SAGE Elite Reviewer Award was established in 2019 to recognise reviewers whose contributions to *POI* were exceptional in terms of the number of reviews performed, quality of the written critiques, and turnaround time.

Congratulations to the 2019 SAGE Elite Reviewer Award winners!

- Goeran Fiedler, PhD, University of Pittsburgh, United States
- Jennifer Howcroft, PhD, University of Waterloo, Canada
- Simone Pittaccio, PhD, Italian National Research Council, Italy
- Susan Ewers Spaulding, MS, CPO, University of Washington, United States
- Cecilia Li, PhD, Polytechnic University, Hong Kong

Publishing in *POI*

Original submissions to *POI* from non-English speaking countries constituted nearly two thirds of the papers submitted in 2017 and 2018. ISPO offers support to scientists and authors from non-English backgrounds to improve the quality and presentation of their work through the Improving Prosthetic and Orthotic Sciences (IPOS) programme.

POI welcomes contributions from authors and research groups worldwide and uses a double-blind peer review process where neither the authors or reviewers are aware of each other's identities. This peer-review process assists editors in selecting the highest quality manuscripts and offers authors constructive feedback to improve their articles. Articles published in the journal receive wide exposure. They are distributed to all members of the Society and through library subscriptions available in thousands of institutions around the world. Rapid online publication in OnlineFirst means that new knowledge is rapidly available to the wider scientific and clinical community.



2018 data

Downloads from journal website:

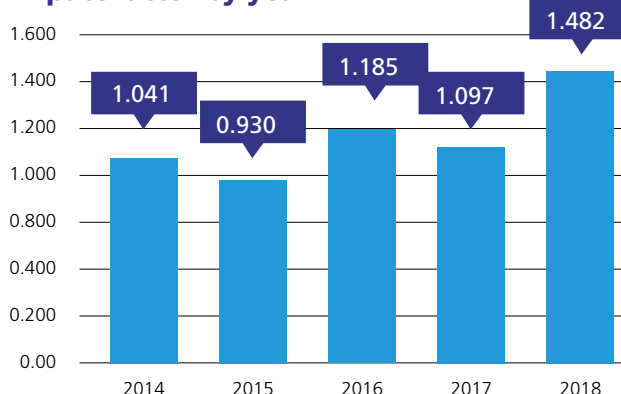
+40% from 2017

Recognition and impact

POI continues to be recognised for its clinical and scientific importance. The Impact Factor (IF) increased to 1.482 in 2018, making this the highest it has been in the journal's history.

To date, new manuscript submissions received for 2019 are on track to match the 203 manuscripts submitted in 2018. However, this figure is down compared to the number received in 2017, which was 241. Original reports continue to account for the majority of submissions. Publication in the journal, relative to the number of submissions, has remained constant with an acceptance rate of approximately 30%.

Impact factor by year



Total downloaded articles: **202,330**
Total website visits in 2018: **225,000**

The ISPO membership and partner eUpdate

Every two months, over 10,000 ISPO members and partners read the ISPO eUpdate newsletter to learn the latest about ISPO activities, its Member Societies, accredited schools and partners. It provides information about the newest developments in the field of prosthetics and orthotics and invites members and partners to contribute to the activities of the Society.

Since June 2019, members of the ISPO Global Partnership Exchange (former Open Board) receive a newsletter every six months that is specifically dedicated to the activities of interest to ISPO partners. Through this new communication, ISPO strives to foster collaboration and engagement among its partners around rehabilitation and assistive products.

ISPO on social media

ISPO keeps increasing its social media visibility on Facebook, Twitter and LinkedIn to engage and inform the prosthetic and orthotic community by sharing regular updates with thousands of social media followers about its activities and those of its Member Societies and partners. Follow us on social media to get the latest updates!



Facebook: **6,300** fans

Twitter: **1,100** followers

LinkedIn group: **5,000** professionals

A new ISPO website is launched in 2017

Through www.ispoint.org, ISPO shares recent news about the Society and the field of prosthetics and orthotics. It engages visitors to take part in its activities. In 2017, ISPO launched a new website with a fully integrated membership management system to improve the members' experience. ISPO members can now enjoy their benefits more easily, access their profile and exclusive content online at any time.

Support

Advocacy: raising global awareness about assistive health technology



Friedbert Kohler OAM, ISPO
President 2017-2019

ISPO has been involved in a very broad range of activities at the international, regional and national level to both advocate on behalf of, and improve the quality of life for persons who may benefit from the rehabilitation practice of prosthetic, orthotic, mobility and assistive technology. This section of the biennium report highlights some of these activities and collaborations.

Friedbert Kohler

ISPO International is working to raise awareness to the public and decisions makers and improve the understanding of the importance of assistive health technologies (AHT) in helping to transform the lives of persons with impaired mobility and integrate them into society.

ISPO International developed regional and international collaborations and has continued to advocate #ISPOWER.



15% of the world's population is disabled.

>2 people with disabilities are more than twice as likely to report finding that healthcare provider skills inadequately meet their needs.

0 The lack of appropriate services for people with disabilities is a significant barrier to healthcare.

Source: World Health Organization (WHO)

Regional collaborations

During this past biennium, ISPO has supported the development and collaboration of regional groups or associations, so they can concentrate more sustained efforts on mutual challenges that are present in different regions across the globe.

FATO

In November 2018, ISPO International signed its first regional partnership with the African Federation of Orthopaedic Technicians (FATO). Both organisations joined efforts to promote and ensure that an increasing number of people in Africa have access to appropriate rehabilitation services, including mobility devices, assistive technology services and products.

ISPO ASIA

During the Asian Prosthetic and Orthotic Scientific Meeting 2018 (APOSOM), ISPO facilitated the establishment of ISPO Asia. This regional group aims to promote communications

and facilitate close collaboration among Asian National Member Societies in the areas of educational and professional development, service enhancements and research studies.

ISPO International Executive Board member Man-Sang Wong was nominated and elected as coordinator of ISPO Asia. Dr Wong states: "I feel delighted and honoured to be nominated as the coordinator of ISPO Asia. I look forward to bringing our ISPO members in Asia closer together and helping them carry out their mission."

UASPO

Following preliminary discussions during the OT World Congress in May 2018, a Memorandum of Understanding between ISPO and the United Arab Society for Prosthetics and Orthotics (UASPO), was formalised and signed in November. UASPO is a regional multidisciplinary organisation very active in the Middle East. Both parties are engaged in fostering their collaboration and cooperation to develop rehabilitation and mobility devices services.

International collaborations

ISPO is actively involved in several initiatives and projects related to the access to appropriate and equitable rehabilitation, mobility devices, and other assistive product services to improve the quality of life for people with reduced mobility.

In addition, ISPO actively governs advisory groups and partnerships.

WHO

It is indeed a great pleasure to acknowledge ISPO's longstanding collaboration with the World Health Organization (WHO). We appreciate ISPO's engagement in promoting the Global Cooperation on Assistive Technology's (GATE) initiative and the efforts in implementing the Rehab 2030 agenda and related programmes. WHO deeply recognizes ISPO's widespread activities for the promotion and dissemination of the WHO Prosthetics and Orthotics Standards around the world, including integrating these standards into the ISPO Education Standards, as well as ISPO's efforts to monitor their implementation via its membership. WHO also appreciates the commitment and extensive efforts of ISPO in all collaborations regarding improving access to prosthetics and orthotics, wheelchairs, rehabilitation services especially in adopting the 71 World Health Assembly Resolution on Improving access to Assistive Technology. Looking forward to our continued collaborative efforts for better health and well-being of the world's most vulnerable population."

Chapal Khasnabis, Programme Manager, Global Cooperation on Assistive Technology (GATE), WHO



In the past biennium, ISPO Executive Board members have attended the following events and meetings:

- WHO Framework of Rehabilitation Services: technical meeting on 29 July 2017 in Geneva, Switzerland.
- 2nd Conference on Assistive Technology held on 13 September 2017 in Beijing, China
- WHO technical Working Group on package of Priority Rehabilitation Interventions held on 18 April 2018 in Bangalore, India
- 71st WHA side event on Assistive Technology Making Universal Health Coverage Inclusive held on 21 May 2019 in Geneva, Switzerland
- GREAT Consultation held on 22 and 23 August 2019 in Geneva, Switzerland

USAID

Since the mid-1990s, ISPO and the United States Agency for International Development (USAID) have partnered on several projects that have strengthened the capacity of rehabilitation professionals in less-resourced countries and established product and service delivery standards.

USAID has invested in improving access to quality rehabilitation and assistive products in less-resourced countries for more than 28 years. The Agency supports efforts to establish, promote, and improve standards, training, and services; the availability of appropriate products; and promote the establishment of policies that sustainably improve access to quality services and products. This critical work in the area of prosthetics and orthotics has led to better standards and training programmes and a dramatic increase in access to prosthetics and orthotics, particularly in conflict-affected countries."

Rebecca Levy, Acting Chief, Empowerment and Inclusion Division, USAID



USAID
FROM THE AMERICAN PEOPLE

Initiatives and projects on assistive technology

GATE

The World Health Organization (WHO) was requested by key stakeholders to develop and lead a global initiative to write several articles for the United Nations Convention on the Rights of Persons with Disabilities. As part of its mandate, the WHO agreed to develop the Global Cooperation on Assistive Health Technology (GATE), a flagship programme in partnership with Assistive Health Technology stakeholders, representing international organisations, donor agencies, professional organisations, academia and consumer groups.

GReAT Consultation

The GReAT Consultation brings together academics, practitioners, policy makers, and assistive technology users to guide the content development of the Global Report on Effective Access to Assistive Technology. The Global Report was requested by the 71st World Health Assembly within the resolution Improving Access to Assistive Technology. In 2019, the consultation was held in Geneva on 22 and 23 August 2019.

The following papers were presented by ISPO at the GReAT consultation meeting:

- The Role of the Industry Advisory Group (IAG) of ISPO as a vehicle for Enabling Appropriate Innovation
- Global Survey of WHO Standards for Prosthetic and Orthotic Services
- Integrating a new prosthetics and orthotics workforce: Lessons from an evaluation of the Nippon Foundation's investments in South East Asia.
- International Education Standards for Prosthetics and Orthotics Occupations



From left to right: Helen Cochrane, Friedbert Kohler, Alan Hutchinson, Wes Pyror and Carson Harte at the GReAT Consultation meeting.

WHO Ad-hoc Advisory Group of Experts on Assistive Technology

The primary function of the Ad-hoc Advisory Group of Experts on Assistive Technology is to provide high-level advice and oversight to develop the Global Report on Effective Access to Assistive Technology, as mandated through the World Health Assembly resolution on assistive technology (WHA71.8).

ATScale and AT 2030

Launched at the Global Disability Summit in July 2018, ATScale (the Global Partnership for Assistive Technology) set itself the goal of reaching out to 500 million more people with life-changing assistive technology by 2030, to enable them to fulfil their potential.



ISPO President, Friedbert Kohler OAM at the booth, promoting the WHO Standards for Prosthetics and Orthotics.



From left to right: Sandra Sexton (IC2A Secretariat) and ISPO President Friedbert Kohler OAM signing up to the ATScale objectives.

ATScale is a cross-sector partnership for assistive technology that brings new energy and strategic focus to a significant global challenge.

ISPO President Friedbert Kohler OAM represented ISPO at the Summit. ISPO also exhibited its activities in the market place by introducing the Partnership for Quality Provision - Prosthetic Limb Technology programme, a collaboration between ISPO, ICRC, ICRC MoveAbility and IC2A, and showcasing positive actions to improve global access to quality prosthetics, orthotics and rehabilitation services.

AT 2030 is a global programme that aims to reach over 3 million people, testing new approaches and backing what works to get assistive technology to those who need it. Started in 2018, the programme is delivered by a global partnership including WHO, the Clinton Health Access Initiative, UNICEF and some of the world's best assistive technology innovators, universities and disability non-governmental organisations and DPOs. AT 2030 aims to transform access to life-changing assistive technology such as wheelchairs, prostheses, hearing aids and glasses by creating partnerships with the private sector to build and shape markets.

Initiatives and projects on rehabilitation

Rehabilitation 2030

Rehabilitation 2030 is an initiative launched by the WHO to raise the profile of rehabilitation as a health strategy relevant to the whole population, across the lifespan of care. The Second Global Rehabilitation meeting was held in Geneva on 8 and 9 of July 2019. The meeting was attended by Bengt Söderberg, former ISPO President 2013-2015, current ISPO President Professor Friedbert Kohler OAM and Claude Tardif, President-Elect 2019-2021.

WHO Rehabilitation Competency Framework Steering Group

Under the leadership of the WHO Rehabilitation Programme, the Steering Group has a mandate to support the development of the Rehabilitation Competency Framework, provide expert opinion on its structure, language, scope and content to ensure that it achieves its intended aims. Furthermore, the Steering Group is tasked with helping to coordinate the dissemination of draft recommendations for peer review by their respective organisations or specialist groups and support the translation of feedback into concrete and meaningful recommendations.

WHO Package of Priority Rehabilitation Interventions Workshops

These workshops aim to identify the rehabilitation interventions that should be prioritised for integration into the health system, and the resources required to deliver them safely and effectively. Such guidance would help strengthen health systems for rehabilitation by informing health policy, planning and budgeting. The workshop took place in July 2019 in Geneva. ISPO was represented by Bengt Söderberg.

Global Rehabilitation Alliance

The Global Rehabilitation Alliance was established by a group of international organisations. The mission of the Alliance is to advocate for the availability of quality, coordinated and affordable rehabilitation through system strengthening according to population needs. ISPO is a founding member and a coopted member of the Board.

The ISPO Executive Board members attended the founding Meeting of the Global Rehabilitation Alliance held on 20 March 2018 in Berlin, Germany. As ISPO representative and Executive Board member, Claude Tardif attended the foundation meeting in Geneva on 22 May 2018 and the Global Rehabilitation Alliance National Meeting on 22 May 2019 in Geneva, Switzerland.

Other initiatives and projects

Mobility First consortium

Mobility First is a consortium of leading international organisations. It comes together to comprehensively address gaps in the availability and accessibility of appropriate wheelchairs through wheelchair services in low- and middle-income countries, and by developing and adopting evidence-based product standards, service standards and related policies.

Consortium members include: ISPO, Mobility India, Motivation Australia, Novita, Sydney Partnership for Health, Education, Research and Enterprise, the World Federation of Occupational Therapists, and the World Confederation for Physical Therapy. Apart from its members, the Mobility First Consortium is also supported by several organisations including the International Society of Physical and Rehabilitation Medicine (ISPRM).

In 2019, the consortium wrote a call for action paper on promoting access to appropriate wheelchair services.

Recognising prosthetists and orthotists

Following the upgrade of the WHO Standards for Prosthetics and Orthotics and the ISPO Education Standards for the three sub-sections of the profession, ISPO discovered that the professional profile of the prosthetic and orthotic occupations defined in the International Standard Classification of Occupations (ISCO) was in need of an update. So far, we have no concrete news that a revision is to happen.

ISPO has met with the ILO and delivered its ideas on how the profession should be defined. The new definitions have now been adopted by ISPO and laid out in the new ISPO Education Standards. ISPO continues to press for change through the Education Committee and the Executive Board.

ISPO survey on WHO Standards for Prosthetics and Orthotics

ISPO launched a survey to its membership in 2019 to understand the status in each country in relation to prosthetic and orthotic services, and assess the relevance and priorities of the standards. The survey includes 180 questions and has been published in English, French, Spanish, Arabic, and traditional and modern Chinese.

In 2017, the WHO in partnership with ISPO and USAID published a set of standards and an implementation manual to support educators to develop high-quality, affordable prosthetics and orthotics services. The Standards for Prosthetic and Orthotic were launched at the ISPO World Congress in Cape Town, South Africa, in 2017 and are available in English, French and Spanish.

Both the standards and implementation manual cover four areas of the health system:

- Policy (governance, financing and information);
- Products (prostheses and orthoses);
- Personnel (workforce); and
- Provision of services.

ISPO advisory groups and partnerships

ISPO WAG: wheelchair service training survey

The ISPO Wheelchair Advisory Group (WAG) gives strategic guidance to promote and facilitate appropriate wheelchair provision worldwide.

In February 2019, in collaboration with the International Society of Wheelchair Professionals (ISWP), ISPO WAG launched a survey to gather information on:

- The level of knowledge regarding the WHO Wheelchair Service Training Packages (WSTP);
- Identify which institutions/bodies have already integrated wheelchair service training within their training curriculum using either the WSTP or other material;
- Pinpoint which institutions/bodies are planning on integrating wheelchair service training in their training curriculum.

The survey was circulated to 138 prosthetics and orthotics training programmes in 56 countries. 71 training institutions (51%) representing 40 countries provided feedback. The results of the survey were presented, during a symposium, at the ISPO World Congress in Kobe.

ISPO IAG

The ISPO Industry Advisory Group (IAG) provides a forum for ongoing networking and learning with industry that allows for strategic dialogue, the joint exploration of common challenges and finds responding solutions in the field of assistive technology.

The ISPO IAG also explores ways for ISPO to collaborate with industry partners worldwide, with the ultimate objective of benefiting users across the world. The IAG is open to companies active in the fields of rehabilitation, mobility devices, and other assistive products, either manufacturing devices and/or providing services.

Members of the ISPO IAG benefit from:

- Face-to-face meetings with ISPO leadership;
- Meetings with special invited guests such as leading representatives of international organisations (i.e. WHO);
- Conference call meetings with peers and the ISPO leadership on relevant sector topics;
- Exposure on the ISPO website;
- The possibility to join ISPO working groups.

Current members of the ISPO IAG include:

- Chas. A. Blatchford & Sons Ltd;
- Fillauer LLC;
- Össur;
- Ottobock HealthCare GmbH;
- ProFit Technologies JSC;
- Proteor.

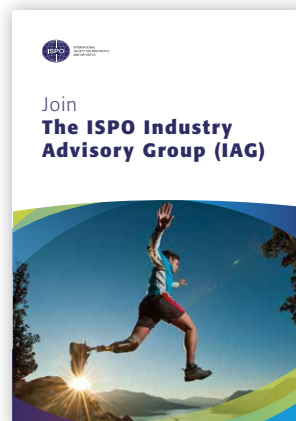
In 2019, the ISPO IAG established two ISPO working groups. One group will develop a core data set and the other will work on outcome measures.



More information about joining IAG on www.ispoint.org

The work of the ISPO IAG promotes an enabling environment for innovation to improve mobility products and services. "

Dr. Berit Hamer, Director International Cooperation, Ottobock



ISPO Global Partnership Exchange

In 2019, the ISPO Open Board was renamed the ISPO Global Partnership Exchange (ISPO-GPEX) to better reflect the objective of the initiative, which is to provide a forum for ongoing networking that allows strategic dialogue of common challenges in the field of rehabilitation and assistive products (with an emphasis on prostheses, orthoses and wheelchairs). Its ultimate objective is also to improve the quality of life for persons who may benefit from mobility and assistive devices.

Serving as a connection between ISPO, international organisations and non-governmental organisations, members of the ISPO-GPEX come from different regions of the world. Membership is open to institutions and/or organisations active in rehabilitation, assistive products and mobility devices, disability or related fields, which either provide or support, train professionals or represent professionals and/or user groups.

In 2017, The ISPO-GPEX met in Cape Town, South Africa and the following year, it met in Leipzig, Germany then in Kobe, Japan in 2019.

ISPO has signed a Memorandum of Understanding with the following organisations:



During the 2017-2019 biennium, the ISPO Executive Board members attended the following events organised by their partners organisations:

- D-Foot International Implementation Forum held on 28 April 2018 in Brussels, Belgium
- Cochrane Rehabilitation Advisory Board meeting held on 10 July 2018
- D-Foot Implementation Summit held on 16 November 2019 in Madrid, Spain
- 45th Academy Annual Meeting and Scientific Symposium (AAOP) held on 6 March in 2019 in Orlando, Florida, USA
- 14th International SOSORT Meeting on 25 April 2019 in San Francisco, California, USA
- 13th International Society of Physical and Rehabilitation Medicine (ISPRM) World Congress ISPRM held on 9-13 June 2019 in Kobe, Japan
- Cochrane rehabilitation Advisory board meeting held on 11 June 2019 in Kobe, Japan.

#ISPOWER: a worldwide call to action



Launched in 2015, #ISPOWER is ISPO's call to action for improved access to appropriate

rehabilitation, mobility devices and other assistive product services and care to help people with impaired mobility contribute fully to society.

Today, #ISPOWER is increasing the visibility of ISPO's countless rehabilitation, mobility and assistive product professionals worldwide, establishing ISPO as the leading global authority on quality assistive product services, mobility devices and rehabilitation care and service delivery.

#ISPOWER promotes the independence and empowerment of people with impaired mobility through actions that reinforce equal access to pursuing education, professional ambitions and social activities.

Vision

A world where barriers to social inclusion and mobility are reduced or eliminated as a result of improved access to rehabilitation, mobility devices, and assistive technology for those who need it.

Key task

The quantity and quality of access to rehabilitation, mobility devices and other assistive technologies must be improved to allow people with impaired mobility to lead normal lives and contribute to society. The vision and task can be realised by informing all stakeholders (i.e. government, healthcare professionals, insurers and the public) on the advantages of achieving this goal, and equally the consequences of not achieving it.

International Day of Persons with Disabilities 2017 and 2018

On the occasion of the International Day of Persons with Disabilities (IDPD), held on the third of December in 2017 and 2018, #ISPOWER celebrated the day with the United Nations via two campaigns.

In November 2017, ISPO invited its members, partners and friends to join the celebrations by participating in a crowd-speaking campaign and a photo contest. Participants were invited to submit a photo that conveyed the meaning of #ISPOWER. Out of the many images received, the winning picture illustrated a young girl benefitting from access to education. The picture was submitted by **Zia Ur Rehman, Rehabilitation Manager** at the Pakistan Institute of Prosthetic and Orthotic Sciences in Peshawar, Pakistan.



In 2018, after the success of the photo contest, ISPO decided to organise a second edition. The winning picture was taken by **Thanyaporn Rakbangboon** from the **Sirindhorn School of Prosthetics and Orthotics** in Thailand, one of ISPO's accredited schools.

Furthermore, ISPO Member Societies, accredited schools and partners organised activities in 2017 and 2018 on or around the third of December to raise awareness. Several walks, information sessions and sports events were organised around the world to promote the campaign.

In Colombia, the SENA Design and Metrology Centre held a course on providing wheelchair services with the International Committee of the Red Cross while the Orthopaedic Technology Department of the Kenya Medical Training College organised a walk and distributed pamphlets about assistive orthopaedic devices.

The 2018 campaign was a big success on social media with engagement rates reaching almost 14,000 on Facebook and Twitter.



Get involved

Help us raise awareness about the importance of assistive technology and rehabilitation. Scan this QR code to participate in the #ISPOWER campaign.



Innovate



Man-Sang Wong, ISPO Scientific Committee Chair

Being responsible for all ISPO matters relating to research, development and knowledge, the ISPO Scientific Committee seeks to strengthen ISPO's contribution to create and disseminate science in prosthetics and orthotics. It oversees the Society's scientific activities and makes recommendations to the Executive Board with regards to ISPO's scientific policy."

Man-Sang Wong

ISPO Scientific Committee activities

Consensus procedure on prosthetic and orthotic topics

ISPO creates consensus procedures to establish agreements on global clinical guidelines for the main areas of interest in prosthetics and orthotics. By conducting systematic literature reviews, and organising expert consultation rounds and face-to-face meetings, ISPO can report and publish final research outcomes on the Internet and at World Congresses.

ISPO prizes and awards

To motivate prosthetic and orthotic researchers to deliver high-quality research, ISPO awards several prizes by recognising outstanding achievements in prosthetics and orthotics research and development. The Scientific Committee is responsible for assessing candidates for the Brian & Joyce Blatchford and Forchheimer Prizes by reviewing nominations and making recommendations to the Executive Board.

Organisation of Mentorship Programme for novice researchers

The Scientific Committee has established a platform of communication between mentors and mentees. It set up a template for research methodology, with a view to encourage, assist and support novice prosthetic and orthotic researchers to achieve a level of quality that meets the ISPO standards of dissemination, such as dissemination at the ISPO World Congress and published in *Prosthetics & Orthotics International*.

Developing ISPO guidelines for reporting research on prosthetics and orthotics

To increase the quality of prosthetics and orthotics, research papers need to be meaningful for the clinical community, the Scientific Committee is establishing core datasets and guidelines for prosthetics and orthotics research methodology. To date, there exists recommendations for reporting subject information in lower limb prosthetics, stride parameter database and minimum core datasets. Current literature has been analysed according to the standards and publications in *POI*. A research guideline for orthotics is being developed.

ISPO Mentorship Programme

This programme aims to encourage, assist and support novice prosthetic and orthotic researchers to achieve a level of quality that meets the ISPO standards of dissemination (World Congress and *POI*). A platform of communication and mentorship between mentors and mentees has been established.

Creating the ISPO prosthetics and orthotics online dictionary

The committee is working on this online dictionary with integration of the existing materials developed by the lexicon database of ISPO Canada and some ISPO members.

International Organisation for Standardization (ISO) Liaison Board

One of ISPO's key roles is to provide education and training for best practice to support multidisciplinary teams who look after the rehabilitation of physically disabled persons. Standards are developed to provide the process of sharing the best pathway for practitioners to ensure the highest quality of care. They describe the method, procedures for verification and validation, and enable accurate, consistent communication in disseminating, and providing care pathways. ISPO has established links with ISO to facilitate communications and collaborations.

Development of ISPO guidelines for scientific and research collaborations

ISPO developed a set of guidelines to help prosthetists and orthotists worldwide increase scientific and research collaboration.

These guidelines cover three main sections. The first part focuses on how to conduct an international collaborative research project. Followed by a section that gives further

explanations on getting requests from outside organisations about reviewing guidelines and standards. The last section covers how to recruit subjects for a scientific and research study.

Data for Assistive Technology Assessment

The Scientific Committee plans to review the different prosthetic and orthotic databases that are available and assess the possibility of integrating these datasets into a common platform for big data analysis.

Cochrane Rehabilitation

'Rehabilitation' has been approved as a new field within the Cochrane network. This exciting news will facilitate further research collaborations and will give ISPO an excellent forum to contribute to and become a leader in the corresponding prosthetic and orthotic aspects.

Recognition of ISPO Scientific Committee: Man-Sang Wong (Chair), Magnus Lilja, Saeed Zahedi, Arezoo Eshraghi, Deirdre Desmond, Dick Plettenburg, Helena Burger, Liliana Alvare and Nerrolyn Ramstrand.

MovAiD project

In 2018, the team involved in Movement Assistive Devices (MovAiD) presented the results of this cross-disciplinary project to the EU Project Officer during the final review meeting held on 29 and 30 October 2018 in Eindhoven, The Netherlands.

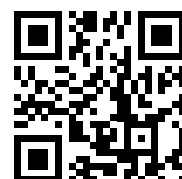
The project consortium, which consisted of 13 partners, developed advanced technologies to assist in manufacturing intelligent, passive and highly-personalised kinetic dynamic equipment to enhance or compensate human movements, aiding people with reduced mobility, in particular the elderly, children and workers.

ISPO is proud to have been involved in this project and grateful for the opportunity to work with high-level professionals from various sectors. ISPO was responsible for the dissemination and communication of the project, and helped spread information



and knowledge about MovAiD. By creating a strong online presence and organising dedicated workshops at events, ISPO was instrumental in reaching out and engaging with a wide spectrum of stakeholders.

The MovAiD project received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 680754. Scan the QR to watch the video.



Society



Presence in **101**
countries



3,100 members



74 Member
Societies

New Member Societies formed during the biennium 2017-19:

Chile, Iraq, Kenya, Macedonia,
Peru, and Singapore



ISPO membership: international and multidisciplinary

Membership development

At the end of 2018, ISPO membership counted over 3,100 members from 101 countries, including individual professionals, institutions and organisations. ISPO represents an international multidisciplinary network providing an efficient platform for scientific exchange, debate and communication.

The Society will continue to strive, retain and further grow its membership and continue to work on expanding its added-value and enhance the balance of the different professions that are represented in the organisation.

ISPO Member Societies

ISPO invites all of its members to increase their presence in a country or region where no ISPO Member Society exists. We encourage members to join and form an ISPO Member Society to facilitate local ISPO activities, promote the profession and participate in ISPO governance through representation on the International Committee.

ISPO now counts 74 Member Societies across the globe, following the approval of six new Member Societies during the biennium 2017-19. It is very encouraging to see the dynamism and commitment of colleagues, who are keen to build and grow the network of prosthetics and orthotics and related professionals in their countries.



The ISPO twinning initiative

Recognising worldwide inequalities, ISPO encourages its Member Societies to engage in twinning activities to build a long-term cooperation between two Member Societies. One Member Society is usually situated in a less-resourced country and receives assistance from its partner through guidance, by sharing best practices and knowledge, mutual collaboration on ad-hoc projects, etc.

An example of a successful twinning activity is the collaboration between ISPO Norway and ISPO Cambodia. They sent two representatives from ISPO Norway to participate in the annual ISPO Cambodia congress in December 2018.

International Committee

The ISPO International Committee is composed of representatives from the 74 Member Societies and the ISPO Executive Board. Two International Committee meetings were held during the biennium 2017-2019, at the ISPO World

Congress in May 2017 in Cape Town, South Africa, and at OT World Congress and Trade Show in May 2018 in Leipzig, Germany.

During the meetings, the Executive Board updated the International Committee on ISPO's international activities and initiatives and the state-of-play of the Society. Member Societies were given the opportunity to present their achievements at local and regional level, engage with the ISPO Global Partnership Exchange members and attend insightful workshops on specific topics.



International Committee meeting, OT World Congress and Trade Show, May 2018, Leipzig, Germany.

ISPO Member Societies: committed to ISPO's mission

ISPO Member Societies are the backbone of ISPO International. In the biennium 2017-2019, they organised a great number of capacity building, education and awareness raising initiatives at local level across the world. These show their great efforts, hard work, passion and commitment towards ISPO's mission.

Exchange, partnership and collaboration are fundamental features of every ISPO Member Society, which join forces on common projects to reach mutual goals. Read more about the activities each Member Society has been part of between 2017 and 2019.

Americas



Canada

During the past biennium, ISPO Canada continued its partnership with Rehab Week. Rehab Week is a multidisciplinary event that combines six congresses related to assistive technology and rehabilitation. This conference showcased the full field of rehabilitation and assistive technology, from research to actual application and usage. In 2019, the Member Society and ISPO President-Elect Edward Lemaire attended this conference in Toronto.

ISPO Canada is proud to partner with ISPO USA and ISPO Mexico in organising the 18th ISPO World Congress in Guadalajara in 2021.



Edward Lemaire, ISPO President-Elect and ISPO Canada at the Rehab Week in June 2019.

Mexico

In 2018, over 150 participants from the prosthetic and orthotic sector joined ISPO Mexico's 8th annual reunion in Mexico City, alongside a dozen of commercial exhibitors, and 19 speakers who contributed to an insightful programme. Thanks to this event, ISPO Mexico managed to increase its ISPO membership from 69 to 110 members.

ISPO Mexico also invited more local prosthetic and orthotic societies, such as Sociedad Mexicana de Ortesistas y Protésistas (SMOPAC), Colegio Mexicano de Ortesistas y Protésistas (COMOPPAC) and rehabilitation educational institutions, to get more actively involved in the academic programs.

Peru

ISPO Peru was established in 2019 in the city of Lima. ISPO Peru's main objective in the future will be to develop prosthetic and orthotic education in the country, conduct courses, workshops, conferences and seminars with a multidisciplinary commitment to improve the quality of life of people in region.

Europe



Czech Republic

ISPO Czech Republic organised a conference on 2nd June 2017. The conference attracted 87 ISPO members (mainly physicians and physiotherapists) who actively participated in prosthetic and orthotic education programmes.

France

ISPO France continues to attract a large number of delegates to its national meetings and has increased its membership during this biennium. The 28th Scientific Congress in Bordeaux in November 2018, was no exception as it welcomed over 1,210 participants and 36 international exhibitors over two days.

Furthermore, ISPO France organises continuing education programmes and has published its successful *Journal de l'Orthopédie* on a quarterly basis for the last 17 years. ISPO France members have online access to journal archives.

ISPO France is also highly effective on social media with over 2,700 followers on Facebook and LinkedIn.

Germany

In collaboration with ISPO Austria and ISPO Switzerland, ISPO Germany organised the first common German-speaking congress. ISPO Ahead 2019 took place in Augsburg, Germany

on 15 and 16 March 2019. During the past biennium, ISPO Germany; together with the magazines Orthopedic Shoe Technology and ORTHOPÄDIE TECHNIK; created a training guide entitled "Training and career paths in technical orthopaedics" that highlights training content, education and career opportunities. A special issue focused on diabetic foot syndrome and a common guideline for shoe care.

Hungary

In February 2018, ISPO Hungary organised a four-day training course on the basics of prosthetics and orthotics. The course took place at the Medical University of Budapest and brought together 32 participants, including doctors, prosthetists, orthotists and physiotherapists. The same course was repeated in February 2019 at the same location.

ISPO Hungary is actively raising awareness at national level about the importance of education for medical doctors, physiotherapists, prosthetists and orthotists in the field of assistive technologies.

Italy

ISPO Italy organised two national congresses and several workshops and briefings throughout the country.

The Netherlands

From 2017 to 2019, ISPO Netherlands organised a total of eight symposia and courses, with the annual meeting gathering over 150 participants. The courses on gait analysis in lower limb prosthetics and hand-arm splints for patients with cerebral palsy were extremely well attended, resulting in the immediate implementation of these techniques in clinical practice.

Moreover, ISPO Netherlands was engaged in a successful twinning program with Suriname to help the country set up a new infrastructure for prosthetics and orthotics and contribute to training local professionals in the field. In 2019, ISPO Netherlands started regularly collaborating with ISPO Member Societies in Sweden, Norway and the UK.



Participants at the courses organised by ISPO Netherlands

Norway

ISPO Norway held three seminars during this biennium. In 2017, the NU-FlexSIV Socket (Subischial Socket and Vacuum Technology) practical course took place in cooperation with Northwestern University, USA. The following years, the 2018 Rehabilitation after Stroke seminar and the 2019 Leg Amputation course were held in Norway.

The ISPO Member Society in Norway helped build the "Nettverk for amputasjon" - a National Network for Amputation between Norwegian institutes that works with leg amputees. It also acted as an observer on national guidelines within the education of healthcare workers on campus and for external practical clinical placement.

Since 2016, ISPO Norway has a collaboration with ISPO Cambodia through a twinning initiative.

Turkey

ISPO Turkey was very active throughout the biennium and organised several scientific and advocacy activities. The Member Society advocated at national level to promote international standards for prosthetics and orthotics to national institutions and especially helped to classify prosthetic and orthotic components.

In October 2018, the 10th National Congress was held in Ankara, gathering 350 national and international delegates. In 2018 and 2019, two "Vocational School of Health Services" meetings welcomed 150 and 100 participants respectively.

There were also several initiatives to celebrate the International Day of Disability, taking place across 2018, with two workshops for trans-tibial and trans-femoral amputees in collaboration with Össur and Ottobock.

In 2017, a training course on dynamic ankle foot orthosis and knee-ankle-foot orthosis was held in Mexico City in collaboration with ISPO Mexico. In February 2019, a social responsibility project focusing on the theme of Healthy Foot, Healthy Child gathered over 350 participants in Ankara.

United Kingdom

ISPO UK successfully organised a joint meeting with the Trent International Prosthetics Symposium (TIPS) and the British Association of Chartered Physiotherapists in Amputee Rehabilitation (BACPAR) from 20 to 23 March 2019, in Salford, Manchester, UK. Members of the ISPO International Executive Board also attended this meeting.

The ISPO UK annual scientific meetings and exhibitions were held on 8 and 9 September 2017, in Cambridge and from 12 to 13 October 2018 in Southampton.



ISPO UK: collage of pictures of TIPS/ISPO/BACPAR meetings in 2019

Two well-attended workshops and a short course were also arranged by the Member Society. The workshop on socket technology, entitled “Embracing Technology to Improve Socket Comfort for Amputees: How can we improve current practice?” was held on 25 April 2019 and gathered 83 delegates.

ISPO UK played a crucial role in the conclusion of the MovAiD project and collaborated with various organisations such as the National Institute for Health Research, the British Association of Prosthetists and Orthotists, Starworks and the International Labour Organization. Several members of ISPO UK were very active in the ISPO Committees and ISPO Advisory Groups during the past biennium.

Middle East and Africa



Egypt

Over the last two years, ISPO Egypt has provided technical support to the Faculty of Physical Therapy in the Province of Beni Suef. By organising two workshops on below the knee and ankle foot orthosis they helped equip the staff to open their unit.

In 2019, some members of the Society attended the first International Congress of Prosthetics and Orthotics in the Middle East.

Iran



Participants at the ISPO Short Course organised in Iran in 2018

With the support of ISPO International, ISPO Iran held a second ISPO Short Course from 23 to 26 October 2018 in Tehran. This meeting addressed the management of cerebral palsy by using orthoses in a unique and multidisciplinary way.

The same year, ISPO Iran also organised the 13th Iranian Congress of Orthotics and Prosthetics from 24 to 26 April in Isfahan.

Iraq

The newly established ISPO Member Society in Iraq organised an introductory session to present the Society to a group of prosthetic and orthotic technicians in Iraq. Like members of ISPO Egypt, representatives from ISPO Iraq also attended the first International Congress of Prosthetics and Orthotics in the Middle East in April 2019.

Lebanon

ISPO Lebanon engaged in several advocacy activities during the last biennium to organise a national summit on prosthetic and orthotic services in Lebanon. In collaboration with Sandra Sexton and Beth Sheehan consultancies, ISPO Lebanon is advocating to create a link between different ministries and institutions that are responsible for prosthetic and orthotic service delivery. The Member Society is also working closely with the International Committee of the Red Cross on the physical rehabilitation programme to potentially finance the cost of health products for Syrian refugees and Lebanese persons in need.

Pakistan

ISPO Pakistan held a one-day seminar on “Orthotic Management of Common Upper Limb Pathologies” on 21 January 2017 and one day workshop on “Social Rehabilitation of Persons with Disabilities” on 26 August 2017. The Member Society also organised a social inclusion activity on 17 February 2017 by offering a one day trip to persons with disabilities to the Historical Bala Hisar Fort Peshawar. On 15 January 2018, an awareness session on Disability and Accessibility was organised by the Member Society.

Asia and Oceania



Australia

ISPO Australia's main activities over the past two years have included delivering a high-risk foot workshop in Kirabati in 2017 and developing a workshop on “Transfemoral amputation prostheses - State of the Art in 2019” with a multidisciplinary perspective. The Member Society also sponsored the prize for academic excellence handed to students attending La Trobe University School of Prosthetics and Orthotics and facilitated the donation of surplus prosthetics and orthotics goods (\$220K AUD value) to Kirabati and Sri Lanka in 2019. In 2017, ISPO Australia awarded the ISPO Science and Research Grant worth \$20k and \$10k as

encouragement award. The Society fostered and developed partnerships with similar organisations, such as Mission Australia & DIK, to deliver integrated prosthetics and orthotics support in the Pacific area. Moreover, ISPO Australia participated in collaborative meetings with Pacific Nations in April 2019 at the Motivation Australia Conference held in Fiji. During this three-day conference, Sally Cavenett, President of ISPO Australia and PPH Perera, and the president of ISPO Sri Lanka met at the Jaipur foot centre in Colombo, in April 2019 and explored the possibility of ISPO Australia providing ongoing support through education, mentoring and workshops to enhance the existing services in Sri Lanka and support the graduate workforce. This is an embryonic project, with the possibility of exploring a twinning initiative.



ISPO Australia in Sri Lanka

Bangladesh

Over the last two years, ISPO Bangladesh has organised six health and rehabilitation camps with different health and rehabilitation professionals. In 2017, members of this Member Society also attended the ISPO World Congress in South Africa, Cape Town as well as the 2018 edition of the ISPO Global Educators Meeting in Europe.

ISPO Bangladesh organised three continuous professional development programmes for members and worked on increasing awareness about prosthetic and orthotic services, in collaboration with Handicap International, and arranged a TV interview and a press conference.

From the advocacy prospective, ISPO Bangladesh participated in four dialogue programmes with local government institutes and hospitals, from the rehabilitation and medical professions, to increase inter-professional communication and boost further collaboration. The Member Society also worked together with other professional associations to form a rehabilitation council in the country.

Cambodia

During the past biennium, ISPO Cambodia continued to promote prosthetic and orthotic services to the public and to raise awareness within the medical profession about the function of prosthetics and orthotics devices for patient treatment. The Member Society facilitated the Continuous Professional Development (CPD) for the profession and contributed to improve professional working standards by

advocating the national government to better recognise the profession in Cambodia.

ISPO Cambodia continued the twinning programme with ISPO Norway. The Member Society received support such as capacity building, technical advice and some financial support for some members to attend the 17th ISPO World Congress in Kobe, Japan. ISPO Cambodia also focused on restructuring its internal procedures and developed a strategic work plan for 2019-2023.

Hong Kong

From 2017 to 2019, ISPO Hong Kong organised one seminar on biomechanics and proprioceptive knee brace and a second seminar and workshop on silicone liner, microprocessor knee and carbon fibre feet.

ISPO Hong Kong also held scientific meetings in 2017 and 2018.

New Zealand

The ISPO Member Society in New Zealand tried to develop its membership by involving more local practitioners.

Philippines

ISPO Philippines continued to negotiate with the national health insurance agency Philhealth to include prosthetics, orthotics, wheelchairs and assistive devices under insurance coverage and reimbursements. ISPO Philippines also got engaged in national meetings to advocate for a national certification for CPOs, POs and wheelchair providers in the Philippines.



Membership of ISPO Philippines

Singapore

ISPO Singapore successfully managed to be registered as a member society in the Registry of Societies in Singapore. During the past biennium, the prosthetics and orthotics profession in Singapore helped increase the number of hospitals with a prosthetics and orthotics department from one to four. With growing awareness amongst the healthcare professionals, the profession has been addressed by the Ministry of Health with regards to manpower planning and resource allocation.

In the future, ISPO Singapore wants to be a voice of interdisciplinary communication and coordinate talks and workshops to ensure Singapore is practicing the latest evidence-based techniques and solutions.

Sri Lanka

The Member Society in Sri Lanka contributed to the country's National Guidelines for Rehabilitation Services and the development of a national strategic plan and framework for disability care.

ISPO Sri Lanka also organised a workshop on paediatric orthotic prescription. It is also trying to advocate for the recognition of prosthetics and orthotics as an established discipline in medical services and raise awareness on the need for rehabilitation services.

Thailand

ISPO Thailand co-hosted and organised two international conferences during the past biennium. The Asian Prosthetics and Orthotics Scientific Meeting (APOSOM) 2018 was held on 7 and 9 November 2018 and gathered 294 participants from 20 different countries around the world. 160 participants attended the international short course training "Motion Analysis in Rehabilitation including Prosthetics and Orthotics" held on 27 and 28 March 2019. The Member Society also advocated to reduce the validity of the prosthetics and orthotics licence from lifelong to five years in Continuing Professional Education (CPE) and is working on getting an authorisation to run a private prosthetics and orthotics clinic.



ISPO Thailand

ISPO would like to become a charity

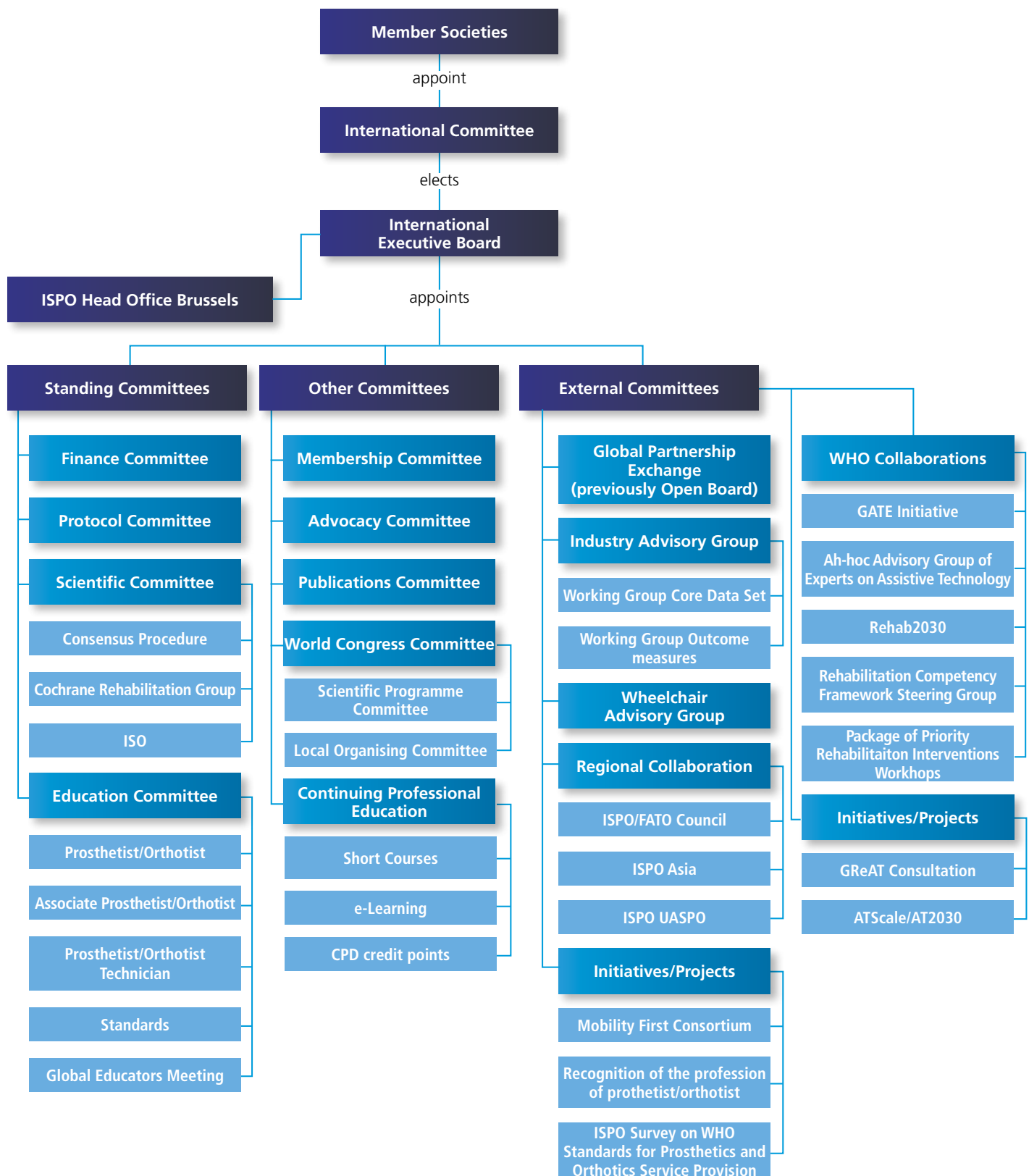
Over the coming year, ISPO is working towards becoming a charitable organisation. It is putting strong efforts into generating as many donations as possible and calling upon its members to give as much as they can, with several options available.

ISPO is legally based in Denmark as a global, multidisciplinary, non-governmental organisation. To gain charity status under Danish law it must receive one hundred individual donations every year, each worth a minimum of 30 euros. The number of donations will be updated on a regular basis and donors will be publicly acknowledged unless they opt to stay anonymous.



Scan the QR code for more information.

Structure of ISPO International



ISPO International Executive Board (2017-2019)



Friedbert Kohler OAM
Australia
President



Edward Lemaire
Canada
President-Elect



Rajiv Hanspal
United Kingdom
Past President



Laura Burgess
United Kingdom
Secretary



Terry Supan
United States
Treasurer



Karen Andrews
United States
Member



Kazuhiro Sakai
Japan
Member



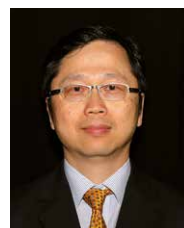
Carson Harte
United Kingdom/
South East Asia
Member



Claude Tardif
France/Africa
Member



Marlo Ortiz
Mexico/
Central and Latin America
Member



Man-Sang Wong
Hong Kong (China)
Member

Obituary: Sepp Heim, ISPO President 2001-2004



Mr. Sepp Heim, ISPO President from 2001-2004 passed away suddenly at his home in Wangen, Germany on 23 April 2019. He served the Society in varying capacities on many committees, planning groups for congresses and courses and related activities for around four decades. He had a long and

dedicated career in the area of prosthetics and orthotics that spanned over 60 years. He stayed engaged in the profession in varying capacities after his time on the ISPO Board (2007) and was always available for many prosthetic and orthotic professionals who needed his counsel and advice.

Mr. Heim's career in the prosthetic and orthotic profession started as an apprentice in his father's facility in Berlin in his teen years. He worked for some time in Hildesheim, Heidelberg, Paris and Frankfurt where he attained his German Masters in Prosthetics and Orthotics and then returned to Berlin to work at his father's facility again.

Around 1966, Sepp moved with his family to Tunisia, working for GTZ, where his impact on ISPO manifested itself. His vision for the development of quality prosthetic and orthotic services

in developing countries, through the delivery of standardised and recognised professional education, really began and was established in Tunisia where the first training centre was formed. Many more followed - in Togo (1974), Tanzania (1981) and in Wuhan, China (1993). In 1987, he took on the position of the director of the BUFA program (Federal School of Prosthetics and Orthotics) in Dortmund, Germany for three years. Sepp was instrumental in establishing further prosthetic and orthotic educational programs in Pakistan, Vietnam, El Salvador, Morocco and Armenia.

Sepp was awarded the Order of Merit of the Federal Republic of Germany (Verdienstkreuz am Bande) in 1986, the Golden Bull award of the People's Republic of China in 1996 and the Georg Hohmann Medal of the German Orthopedics and Orthopedic Surgery in 2001 in appreciation of his dedication to the field of orthopaedics.

His wife, Imogen, was a lifelong support in his family and professional life. He is survived by Imogen, his sons Ekkehard, Winfried and Joachim, his daughters in law; Katrin and Susan and his two granddaughters; Caroline and Isabel.

ISPO will always be grateful for his major contribution to prosthetic and orthotic services globally.

ISPO office staff

ISPO acknowledges and is thankful for the support and dedication of the office staff, who make the work of the Society possible.



Julie Cooper
Strategic Advisor
- Advocacy
and Overall
Operations



Nadège Mullier
Head of
Operations



Lorela Lohan
Society
Coordinator



Giorgia Manuzi
Education and
Marketing
Coordinator



Mujahid Zaman
Society and
Membership
Administrator



Morgane Vansnick
Marketing and
Communications
Administrator



Janne Jarvinen
Education
Administrator

ISPO would also like to acknowledge the work of the former staff members, who have contributed during the biennium 2017-2019:



Birgit Krausse
Head of
Operations



Benita Lipps
Head of
Operations



Sara Martin
Advocacy
Manager



Stefaan De Corte
Head of
Operations



Felicia Vaz
Advocacy
Officer



Kasia Duchna
Marketing and
Communications
Administrator



Adeline Prieur
Advocacy and
Communications
Manager

ISPO congress management staff Leipziger Messe

ISPO would like to thank Leipziger Messe for the great efforts and achievements in assisting ISPO with the congress organisation, exhibition and sponsorship sales at the World Congresses.



Klaus Ernst
Executive Director



Helene Zapf
Project Director



Sandy Becker
Project Director



Tosca-Marija Prausner
Project Manager



Vanessa Nitschke
Project Assistant

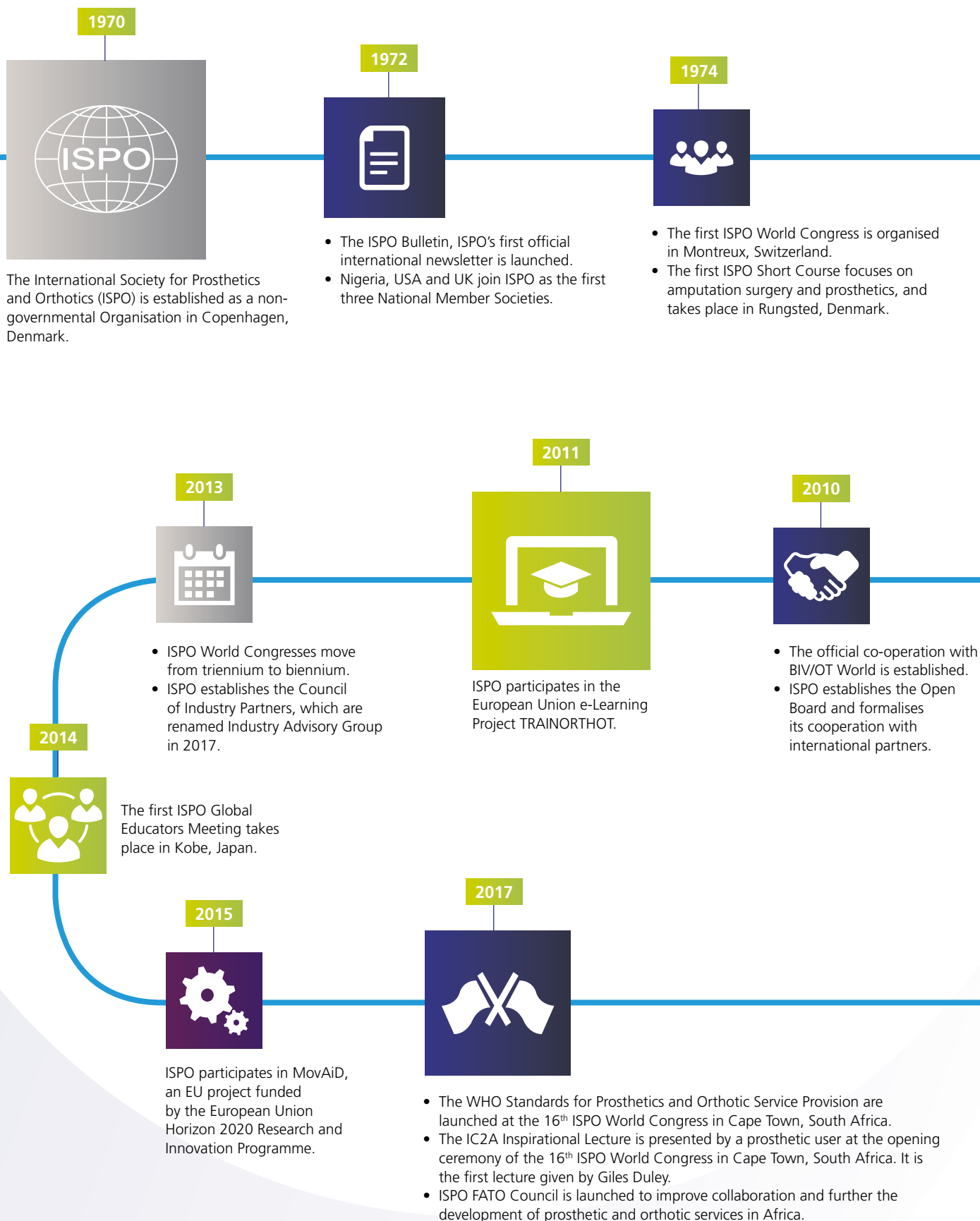


Bernd Muthmann
Project Assistant

Acknowledgement to the volunteers

On behalf of the global prosthetic and orthotic community, ISPO would like to extend its gratitude to its leaders for their foresight, dedication and commitment in contributing to ISPO's mission, and to the ISPO Committee members who ensure the success and progress of the Society's activities and programmes. The ISPO Leadership and Committee members are made up of volunteers selected from the membership by the Members Societies and charged with the responsibility of leading and directing the Society and overseeing its activities.

Celebrating ISPO's 50th anniversary

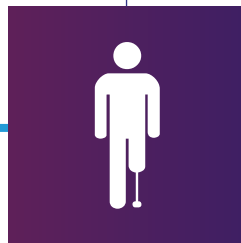


1977



- ISPO takes over the editorship and responsibility of *Prosthetics and Orthotics International (POI)*
- Charles Radcliff presents the first Knud Jensen Lecture at the second World Congress in New York, USA. From this year, the Knud Jensen Lecture is presented at the opening ceremony of each World Congress.

1990



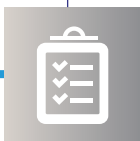
The first ISPO Consensus Conference on Amputation Surgery takes place in Scotland, UK.

1995



ISPO establishes a partnership with USAID.

2009



- The revised ISPO Constitution and new election procedures for the ISPO Executive Board are launched.
- ISPO moves its Head Office from Copenhagen to Brussels, Belgium with Interel (Association Management Consultancy).

2008



ISPO starts to accredit schools and training programmes.

2007



First working plan between ISPO and WHO.

2018



- The ISPO Education Standards for Prosthetic and Orthotic Occupations are launched at the 2nd ISPO Global Educators Meeting in Leipzig, Germany.
- ISPO Asia is created to consolidate prosthetic and orthotic services and ISPO support in Asia Pacific countries.

2019



The start of celebrations for the ISPO 50th anniversary!

Outlook 2019-2021



Edward Lemaire
ISPO President-Elect 2017-2019

As incoming President of ISPO, I have the pleasure of looking ahead to the next biennium, and the future looks excellent.

ISPO builds this future on the foundation of work carried out by our membership and leadership over the past years. This has led to ISPO providing essential contributions to initiatives with the WHO, international agencies, and global professional associations to improve the lives of people who benefit from assistive technology. ISPO has also continued to advance standards and accreditation for prosthetics and orthotics education and contribute to research and innovation. I look forward to working together with ISPO members and our partners to continue this essential work.

With a basis of success also comes opportunity. Several target areas will be explored over the next biennium. The first involves the WHO Standards for Prosthetics and Orthotics. ISPO continues to disseminate and inform the global assistive technology sector about the Standards and explore how they can be used to advocate for appropriate services. As we continue to build evidence through our global survey related to using these Standards, ISPO will move towards developing benchmarks that our national member societies can use to evaluate service status in their country and develop strategies to meet these Standards.

ISPO has a history of linking continuing education with evidence-based practice, through consensus building exercises that lead to educational short courses to share this knowledge. The opportunity over the next biennium is to expand these offerings by providing e-Learning opportunities, case-based learning, and expanding on targeted course-based education. ISPO is also developing an international education credit approach that can be used to support these activities. Building multidisciplinary expertise related to prosthetics, orthotics, and wheelchair services will lead to better outcomes and thereby better quality of life for people with disabilities and people in their circle of influence.

We also look forward to the ISPO 2021 World Congress in Guadalajara, Mexico, a joint effort between the Canadian, USA, and Mexico National Member Societies. This will be the first time that the ISPO World Congress will be held in Latin America. It is an opportunity to welcome the world to Guadalajara and share experiences, knowledge, and innovations in the science and the art of providing appropriate assistive technologies.

ISPO benefits from looking back and learning from our experiences, but also looking forward and seizing opportunities to achieve our vision, a world where all people have equal opportunity for full participation in society. I welcome you to join me on this journey.

Edward Lemaire
ISPO President-Elect 2017-2019



... moving beyond physical disability

ISPO 50 Charter

On this, the 50th anniversary of the International Society for Prosthetics and Orthotics, we the fellows and members make this pledge to healthcare providers, governments, and ourselves, but above all to our patients and clients.

We promise to seek to provide the highest standards of care at all times, working with others to treat people in the manner in which we would wish to be treated, and to involve patients and clients, their families, and carers in decisions about their care.

We promise to train, develop, share our professional experiences, and support other multi disciplinary professionals and providers of assistive technology and mobility services at all stages; champion research, innovation, and evidence based practice that improves care for the people we serve; and commit to our own continuous professional development throughout our careers.

We promise to lead, develop, influence, and sustain high-quality healthcare, both locally and globally; to act for our patients' and clients' interests to live independently in their society; and to disseminate, advocate, and educate when it is needed and necessary.

We promise to promote enhanced function with assistive technology and mobility devices along with good health and prevention of ill health across society, to look after our own health so that we are best placed to look after others, and use our healthcare resources justly and wisely.

Signature

Sign the ISPO Charter



ISPO International



INTERNATIONAL
SOCIETY FOR PROSTHETICS
AND ORTHOTICS

...moving beyond physical disability

Design: inextremis.be



3,100
individual members



Presence in
101
countries



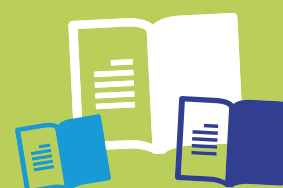
In relationship with
27
international partner organisations
through its Global Partnership Exchange



445
volunteers conducting
activities worldwide
in 74 ISPO Member Societies



17 World Congresses
82 Short Courses
9 Consensus Conferences
conducted since 1970



ISPO's scientific journal *POI* was
accessed close to
225,000
times in 2018



29
ISPO recognised P&O training
programmes worldwide



4,900
graduates certified by
ISPO as category I or II
professionals to date



6
multinational companies in its
Industry Advisory Group



INTERNATIONAL
SOCIETY FOR PROSTHETICS
AND ORTHOTICS

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