



INTERNATIONAL  
SOCIETY FOR PROSTHETICS  
AND ORTHOTICS



# ISPO BIENNIUM REPORT 2019-2021





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SOCIETY FOR PROSTHETICS  
AND ORTHOTICS

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*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, orthopaedic surgeons, rehabilitation doctors, physiotherapists, occupational therapists, orthopaedic shoemakers, nurses and biomechanical rehabilitation engineers, etc...) along with industry partners 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

Edward Lemaire

ISPO President 2019-2021



**The 2019-2021 biennium has been unique for ISPO and our global community, with a pandemic changing the way we interact and provide services for people with physical disabilities. Upon reflection, I am proud of how ISPO members and our partners adapted and continued to advance prosthetics, orthotics, and assistive technology care.**

While we will continue to work differently going into the next biennium, ISPO can look back at many successes in the past two years. As a global Society, we had already been working digitally, leveraging information technology for meetings, membership management, information dissemination, and research. We extended this digital transformation to include online webinars, a successful event on telehealth and interesting presentations led by our Member Societies, our first completely online International Committee meeting with all national Member Societies, and our first virtual World Congress. ISPO is experiencing an extensive “digital renovation”, with vast improvements being made to our website, information exchange abilities, membership management services, and our innovative eLearning platform. This continued work will ensure relevant and timely activities that are globally accessible.

ISPO membership is crucial to support the critical efforts in collaboration with our partners, such as the United Nations, World Health Organization (WHO), ATScale, industry partners, to advocate for assistive technology and rehabilitation services and work towards relevant standards for service provision. Projects in this biennium included consensus research in big data and outcome measures, international wheelchair service standard development and dissemination, and digital transformation (i.e., using digital technology for device manufacturing and clinical service provision). ISPO is also active in promoting early vaccination for people within prosthetics, orthotics, wheelchairs, and other assistive technology-related services. Although our members recognise the immediate benefits of being part of ISPO, the fact that their dues facilitate this global advocacy and representation

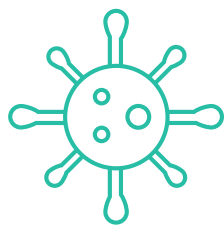
must be acknowledged, and continued support is key to this meaningful work.

We also published important documents related to working in a pandemic-hit environment and ongoing work by our Scientific Committee on guidelines for research with assistive technology and vulnerable populations, service standards, and appropriate use of prefabricated devices. Our publication “Prosthetics and Orthotics International” successfully transitioned to a new editorial platform and is now an online journal that is no longer bound by page restrictions, enabling better communication of innovations in clinical and technical aspects of prosthetics and orthotics. I congratulate the various working groups who shared their expertise for the good of all.

The global pandemic environment also affected our World Congress, with a completely digital event being held in 2021 and the in-person congress in Mexico being pushed to 2023. The change to a virtual congress in 2021 provided an opportunity for ISPO to deliver an exceptional digital event where distance was not an obstacle for participation. Lessons learned from the 2021 World Congress will empower ISPO to offer more digital options in our future international events. Holding a World Congress in Latin America is important for ISPO, and the strong collaboration between the ISPO Member Societies of Mexico, USA and Canada will allow more people in this region to participate in the event. Delegates can anticipate an in-person congress when safe travel resumes and look forward to experiencing Guadalajara’s outstanding hospitality.

ISPO members and others working in the assistive technology field are used to accommodating change, whether adapting a device or treatment to a patient’s changing conditions, integrating new knowledge or technology into practice, or innovating with novel research and development. This biennium was certainly a test of our ability to adapt, but we will come out of this period stronger and with renewed mental resolve. I thank all ISPO members and partners who are working hard to lead us into the next biennium and beyond.





## Covid-19 Pandemic

**The COVID-19 pandemic hit the world in early 2020 and placed an enormous strain on healthcare services and assistive technology practitioners.**

In response to the situation, ISPO issued several statements in support of its volunteers, staff, members and the global professional community at large.

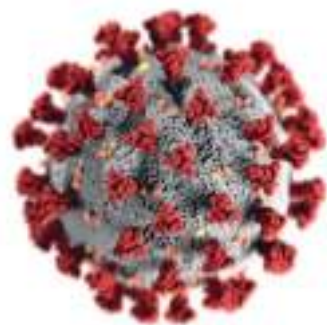
In an immediate reaction to the aggravating situation, a communication was published in March 2020, informing of the suspension of all ISPO International-related travel and the cancellation of ISPO International's in-person accreditation activities until further notice. The statement highlighted that the health and safety of ISPO's volunteers, staff, members, and supporters were the main priority in this challenging period.

A working document titled "Suggestions for Prosthetic Orthotic Clinics that Must Remain Open During the COVID-19 Pandemic" was released in April 2020, providing globally relevant guidance for people and organisations that provide prosthetics and orthotics services and are able to continue serving those who require assistive devices during the COVID-19 pandemic. The information, useful for all practitioners and administrators, is to be considered in addition to any guidance provided by local or regional health authorities and governments.

Thanks to the efforts of ISPO Member Societies and volunteers the document has been translated and is available in the following languages:

<b>English</b>	<b>French</b>	<b>Spanish</b>
<b>Japanese</b>	<b>Chinese</b>	<b>Turkish</b>
<b>Persian</b>	<b>Arabic</b>	<b>Nepali</b>

In December 2020, ISPO released a "Statement on COVID-19 Vaccination for People Working with and Using Assistive Technology", highlighting the need to recognise the important role of all people involved with assistive technology services and calling for the early inclusion of these healthcare professionals in national vaccination plans, regardless of whether they operate in the public or private sector. Early vaccination can enhance professional and patient safety, and also help facilities return to pre-COVID-19 treatment levels, thereby starting to address the global service backlog that had been affecting mobility, health, and quality of life.





# Digital Transformation

**The COVID-19 pandemic has accelerated the interest in and use of digital technology in all sectors, including prosthetics and orthotics. Assistive technology service providers and innovators required digital tools to communicate and meet the needs of end-users during the global pandemic.**

The transformation from manual to digitally enhanced services has progressed over the past few decades. "Technology advancements using virtual platforms, digitalization methods, and improved connectivity will continue to change the future of health care delivery. Digital technology, such as 3D scanners, tablets, computers, computer cloud-based software programs, and computer-aided design and manufacturing (CAD/CAM), and virtual care, via the use of telehealth, telerehabilitation, virtual assessments, and fittings, are successfully contributing to assistive devices assessment, therapy services, and diagnostic evaluations".<sup>1</sup>

ISPO has addressed this pertinent topic in the ISPO 18th World Congress 2021, the theme of which is "Digital Transformation in an Evolving World". The congress will facilitate learning and the exchange of experiences to help with this transformation, enabling new abilities that improve the lives of people with mobility deficits.



Internally, ISPO is also embracing digital systems and aims to create an infrastructure that ensures a reliable and innovative online presence for the organisation. ISPO Head Office staff, together with ISPO leadership, is currently working on developing and integrating various digital elements to provide members and the larger community with a pleasant and engaging user experience.



## The elements include:

- An impactful and visually appealing new website;
- An effective membership management portal;
- An integrated eLearning portal, enabling online learning to support continuing professional education, ISPO's accreditation activities and other training objectives;
- A system that allows ISPO's committees and staff to automate processes and work more effectively;
- Other integrated online tools to expand ISPO's digital presence, such as member community, social media, GPEx forum, etc.

<sup>1</sup> Binedell, T., Subburaj, K., Wong, Y., & Blessing, L. T. (2020). Leveraging digital technology to overcome barriers in the prosthetic and orthotic industry: Evaluation of its applicability and use during the COVID-19 pandemic. *JMIR Rehabilitation and Assistive Technologies*, 7(2), e23827.



## ISPO 50th Anniversary

In 2020, ISPO celebrated its 50th anniversary. Founded in 1970 in Copenhagen, Denmark as a multidisciplinary organisation with the primary objective of improving the rehabilitation of all people with physical disabilities requiring prosthetic, orthotic or other technical aid, ISPO looks back at an extraordinary number of achievements during its first half-century of existence. **The main highlights are listed below:**

### 1970

- ISPO is established as a non-governmental organisation in Copenhagen, Denmark. On 5 November, Knud Jansen and 9-year old polio patient Ulla Andersen, sign the official documents establishing ISPO.



### 1972

- The ISPO Bulletin, ISPO's first official international newsletter is launched

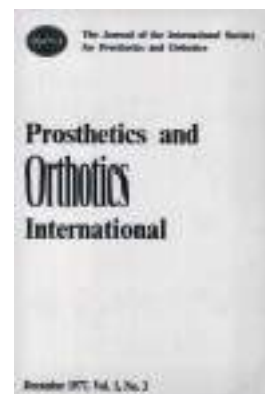
### 1974

- The first ISPO World Congress is organised in Montreux, Switzerland
- The first ISPO Short Course, focusing on amputation surgery and prosthetics, takes place in Rungsted, Denmark



### 1977

- ISPO assumes the editorship of the Prosthetics and Orthotics International (POI) journal
- The first Knud Jenson Lecture is presented by Charles Radcliff at the second World Congress in New York, USA.



### 1990

- The first ISPO Consensus Conference on amputation surgery takes place in Scotland, UK.

### 1995

- ISPO establishes a partnership with USAID.



## 2007

- ISPO starts a collaboration with the World Health Organization (WHO).



## 2008

- ISPO starts to accredit P&O training programmes worldwide.

## 2010

- ISPO formalises its cooperation with international partner organisations by establishing the Open Board (now GPEx).

## 2014

- The first ISPO Global Educators Meeting takes place in Kobe, Japan.

## 2017

- The WHO Standards for Prosthetics and Orthotic Service Provision are launched at the 16th ISPO World Congress in Cape Town, South Africa.



## 2018

- The second ISPO Global Educators Meeting takes place in Göttingen, Germany.
- The ISPO Education Standards for Prosthetic and Orthotic Occupations are launched at the event.



## 2019

- ISPO launches its 50th anniversary celebrations at the ISPO World Congress in Kobe, Japan.



## Ulla's Story

**During the 50th anniversary celebrations Ulla Trøjner from Denmark contacted ISPO after having recognised herself in the picture posted on social media. Ulla was a patient of Dr Knud Jansen, founding President of ISPO, and was present at the signing of the Society's founding papers in 1970. Ulla shared her story with ISPO:**

At 6-months old, I had polio. I'm a polio survivor.

From the age of about 3, right up until I was 13 years old when I had my last surgery for polio, it was Dr Knud Jansen, founder of ISPO, who oversaw all my surgeries.

In those ten years I underwent many surgeries: changes of bone posture, movements of muscles, and a very large back operation, due to the devastating impact scoliosis had on my left lung.

Going through so much as a young child in order to, hopefully, improve your function levels requires a strong cooperation between the orthopaedic professional and the patient. Dr Knud Jansen was always on the patient's side. I was listened to, even though I was just a little girl.

Dr Knud Jansen was very keen to explain to me what was going to happen and what would happen if I didn't have muscle changes or have stiffeners put along my spine. From the age of ten, I was actually allowed to decide on my last surgeries myself.

Today I am 60 years old; I have a good and very active life, although I am now retiring due to post-polio. I am enjoying my retirement with my three grandchildren who are "the icing on the cake".

On the image that ISPO displays on the website, I am the little girl who "assisted" the signing of the founding documents for the start of ISPO. I've been so lucky to have had Knud Jansen as my doctor.



## 50th Anniversary



ISPO's 50th anniversary celebrations kicked off at the ISPO 17th World Congress in Kobe, Japan, in October 2019 and continued throughout the entire year of 2020. However, with the COVID-19 pandemic preventing in-person gatherings since 2020, the festivities were held in virtually instead.

The **ISPO 50 Charter** was launched to give the multidisciplinary members of ISPO the opportunity to reaffirm their commitment to ISPO's professional principles (see last page).

As part of the 50th anniversary celebrations, past and present ISPO leaders were invited to share their thoughts and memories about the Society through short **video messages**.



**ISPO thanks its leaders for their contributions:**

*Edward Lemaire  
Rajiv S. Hanspal  
Carolina Schiappacasse  
Dan Blocka*

*Claude Tardif  
Sisary Kheng  
Jan Geertzen  
Kerstin Hagberg*

*Friedbert Kohler  
Bengt Söderberg  
Eiji Tazawa  
Seishi Sawamura*



An eCard was circulated to the community, and over 100 messages from members were posted on the virtual wall.



Representatives of ISPO partner organisations were invited to send congratulations and to give their views on ISPO's activities.



"... From the very start ISPO included countries where prosthetics and orthotics were difficult to provide and has maintained its focus on

high and low income countries. It has carried out important work in setting standards, developing & maintaining education and accreditation services. ... As an organisation predominantly focused on wheelchair provision, Motivation is grateful to ISPO for its help and involvement in the wheelchair sector. ISPO has been an incredibly important role model, mentor and guide in helping to improve the provision of wheelchairs..."

**David Constantine**  
Motivation



"... ISPO can proudly look back at 50 years of successful concerted efforts and

many accomplishments relating to the advancement of prosthetic and orthotic rehabilitation and assistive technology services worldwide. The longstanding collaboration between the World Health Organization (WHO) and ISPO has borne fruit on many occasions across the world, culminating in the development and dissemination of the WHO Standards for Prosthetics and Orthotics in 2017. ..."

**Chapal Khasnabis**  
World Health Organization (WHO)



ISPO can be proud of all they have achieved and of the global community they have built and supported. They are a strong force in the collective effort towards the vision of Rehabilitation 2030, to see a world where every person can access the rehabilitation they need."

**Alarcos Cieza**  
World Health Organization (WHO)



"... We are proud that all ICRC supported education projects obtained ISPO recognition, ensuring international standards at the highest level. ICRC will continue the collaboration

that have helped to modernize the education accreditation process and ILO categorization of the P&O profession. We, at ICRC look forward to continuing this fruitful relationship and wish ISPO all the best for the years to come. ..."

**Marc Zlot**  
International Committee of the Red Cross (ICRC)



"... We are proud that we have been able to contribute, in collaboration with ISPO Exceed and Japanese Experts, to the

recovery of courage and self-confidence of people using assistive devices to be engaged in full social participation. Let us continue to work together to strive towards the realization of an inclusive society where all people can be actively involved. ..."

**Yohei Sasakawa**  
Nippon Foundation



"... It's amazing to see the impact ISPO has had on Prosthetics and Orthotics worldwide! ISPO, over the

years, has been able to gather physical rehabilitation professionals from all the corners of the world and connecting them together through diverse channels and making out of them a strong army to develop Prosthetics and Orthotics worldwide. ..."

**Masse Niang**  
Fédération Africaine des Techniciens Orthoprothésistes (FATO)



"... WFOT commends the work that ISPO has achieved over the past 50 years and look forward to our continued collaboration to progress research, innovation and evidence-based practice for the health and wellbeing of our global community. ..."

**Ritchard Ledgerd**  
World Federation of Occupational Therapists (WFOT)

A social media campaign ran with daily posts on Facebook, Twitter and LinkedIn in the month leading up to the precise anniversary date in November 2020. As a result, ISPO's social media platforms experienced increased outreach and engagement.



Likes + 26%  
Engagements + 40%



Tweet Impressions + 294%  
Profile Visits + 203%  
Mentions + 93%



Page views + 27%  
Unique visitors + 37%

A special acknowledgement goes to Rajiv S. Hanspal and Friedbert Kohler, ISPO Past Presidents between 2015-2017 and 2017-2019 respectively, who contributed with a **historical article** on ISPO and assistive technology. The article, which features on the ISPO website, describes the origins and raison d'être of ISPO, shedding light on the organisation's developmental path and successes over the past 50 years.

# Activities

## ISPO World Congress

### ISPO World Congress 2019

The ISPO 17th World Congress was held in Kobe, Japan, on 5-8 October 2019 under the guiding theme “Basics to Bionics”. The event attracted an incredible 4,400 participants from 97 countries, with the local community well-represented at 63 percent.

During the opening ceremony, attendees listened to the prestigious Knud Jansen lecture presented by David Constantine of Motivation, as well as the IC2A Inspirational Lecture given by Desmond Tung.

The congress programme included three keynote lectures delivered by Bob Gailey, Saeed Zahedi and Gubela Mji, and 24 symposia, 28 instructional courses, 348 free paper presentations and 129 poster presentations.

The Brian & Joyce Blatchford Team Prize for Innovation was awarded to the “Coapt Engineering” project by Blair Lock, Levi Hargrove and Todd Kuiken. Lis Sjoberg, Helen Lindner and Liselotte Hermansson won the Forchheimer Prize for their paper “Long-term results of early myoelectric prosthesis fittings: A prospective case-control study”.

The international exhibition brought together 154 exhibitors from 38 countries, including 35 organisations in the International Community Lounge. The exhibition on robotics was a particularly special highlight.



### ISPO World Congress 2023

The ISPO 19th World Congress will take place from 24-27 April 2023 in Guadalajara, Mexico, and will be jointly hosted by the ISPO Member Societies of Mexico, United States, and Canada.



### ISPO World Congress 2025

The ISPO 20th World Congress will take place in 2025 in Stockholm, Sweden, and will be jointly hosted by the ISPO Member Societies of Sweden, Norway, the Netherlands, and the United Kingdom.



## ISPO World Congress 2021

The ISPO 18th World Congress will take place between 1 and 4 November 2021 and will be the first virtual event of this scope hosted by ISPO. In addition to providing global access to state-of-the-art knowledge, this digital congress will enable regional opportunities for delegates to engage with the sessions and explore regional perspectives.

The World Congress theme is “Digital Transformation in an Evolving World”, and attendees will be able to participate in keynote lectures, symposia, instructional courses, free paper and poster presentations, as well as other interactive formats that promise an interdisciplinary programme focusing on clinical and technical developments.

Special highlights include the three keynote lectures that will be delivered by Dr Alarcos Cieza of the World Health Organization, Dr Matthew Major, Associate Professor at Northwestern University and a Research Health Scientist at the Jesse Brown VA Medical Center in Chicago, USA, and Dr Alex Dickinson, Associate Professor in the Mechanical Engineering Department of the University of Southampton, United Kingdom.

The popular IC2A Inspirational Lecture will be delivered by Christopher Hutchison, co-founder and CTO of ProsFit. The ISPO World Congress combines a high-quality scientific programme with an international exhibition that ensures an up-to-date and comprehensive overview of the market. Companies from all over the world will virtually present the most recent industry innovations and products, and offer exhibitor workshops to participants.



### World Congress 2021 Committee

Edward Lemaire (Chair)

Claude Tardif

Marlo Ortiz

Friedbert Kohier

Georg Blome

Jacqueline Hebert



### World Congress 2021 Scientific Committee

Jacqueline Hebert (Chair)

Dick Plettenburg

Corry van der Sluis

Deirdre Desmond

Stefania Fatone

Carlos Galvan Duque Gastelum

Liselotte Hermansson

Han Houdijk

Jeanne Kagwiza

Martin Twiste



**Helen Cochrane**  
Chair, Education  
Committee

## Education Committee

### How does your committee contribute to ISPO's mission and vision?

The Education Committee contributes to ISPO's mission and vision through its Education Standards, advocacy, and collaboration across borders. The work of the Education Committee places ISPO as the world's leading organisation in quality assurance for education programmes in prosthetics and orthotics. The ISPO Education Standards drive programme development and access to quality services around the world. The Committee members participate in advocacy and policy development on the global stage and have a long history of collaboration with other organisations such as WHO, USAID, and ICRC.

### What have been your committee's main activities and accomplishments this biennium?

The Education Committee has been hard at work throughout this biennium, supporting prosthetic/orthotic education programmes worldwide and implementing its revised ISPO Education Standards for Prosthetic and Orthotic Occupations. Committee members have also been promoting and advocating for quality services through various presentations.

A new recruitment process for ISPO Auditors was developed, and the Committee has identified new auditor candidates through a call for nominations to ISPO accredited programmes. The work now focuses on developing the training and mentoring programme for Auditors.

### How has the COVID-19 pandemic impacted your committee's work?

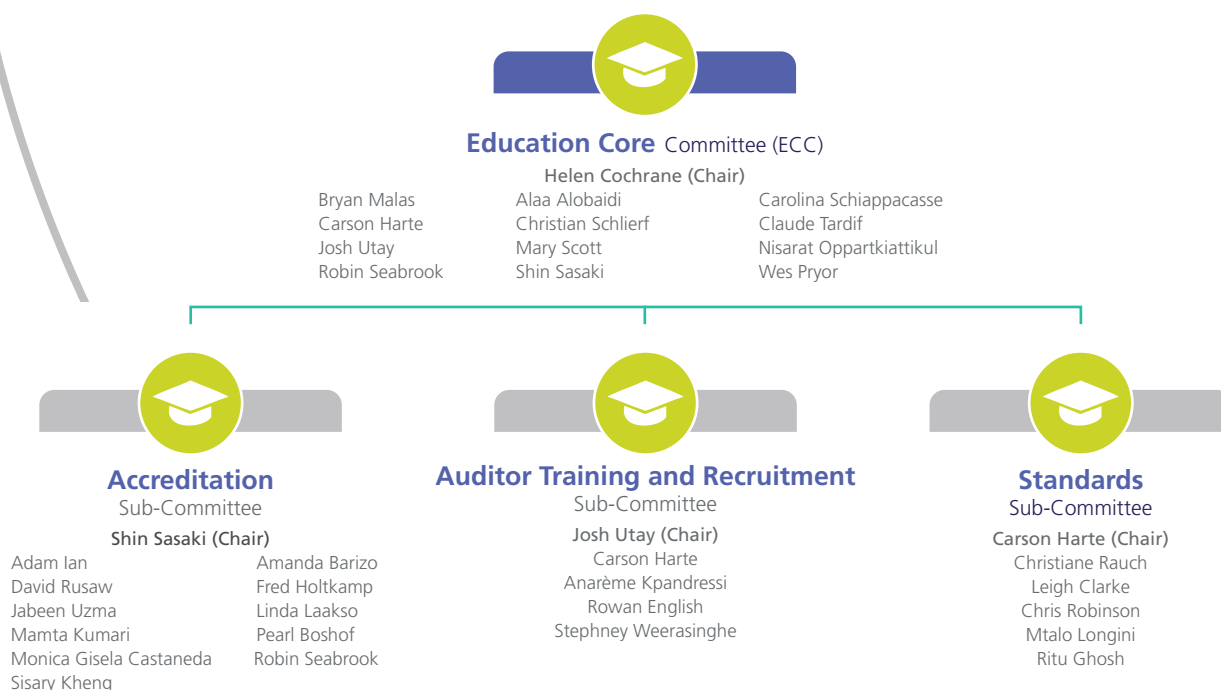
COVID-19 has significantly impacted prosthetic/orthotic education programmes around the world. During this challenging time, the Education

Committee and its members have been supporting programmes through revised accreditation timelines, new site visit procedures, the creation of and input into supporting documents such as the *"Suggestions for Prosthetic Orthotics Clinics that Must Remain Open During the COVID-19 Pandemic"*. The Education Committee has also surveyed education programmes worldwide to learn about the impact of COVID-19 and help guide its activities.

### What is the short-term outlook for your committee, i.e., what are the plans for the near future?

The Education Committee will continue to implement standards, support programme development and prosthetic/orthotic educator collaboration through the Global Educators Meeting in Thailand in 2022.

The Committee will also remain committed to developing its Auditor training and procedures for the safe, effective assessment of education programmes and continue implementing its accreditation process.





# Global Educators Meeting

The ISPO Global Educators Meeting (GEM) is an international collaboration between Prosthetics and Orthotics Educators that is committed to ongoing knowledge exchange, professional development and supportive learning. The meetings take place every four years to encourage discussion about the needs and strategies for the future of prosthetic/orthotic education and to facilitate collaboration between training institutions.

ISPO Global Educators Meetings occurred in 2014 in Kobe, Japan, and in 2018 in Göttingen, Germany. The third ISPO GEM will be a hybrid event held in June 2022, with the face-to-face event taking place in Bangkok, Thailand.



## Global Educators Meeting 2022

Working Group

Mary Scott (Chair)

Carmen Orlandi-Garcia

Dan Blocka

Godfrey Asiimwe

Christian Schlierf

David Rusaw

Sirirat Seng-lad

## Accreditation Programme

The number of prosthetic and orthotic training programmes seeking ISPO accreditation is growing steadily. ISPO accreditation is designed to ensure that 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 accredited over 50 prosthetics and orthotics training programmes and professional pathways, resulting in over 6,000 graduates who have received an ISPO certificate which is proof of the quality of their education.

During the previous biennium (2017-2019), the Education Committee developed the new ISPO Education Standards for Prosthetic and Orthotic Occupations. The number of people in need of assistive products is growing, and their needs are evolving, yet there is a significant shortage of skilled workers and available training programmes. Launched in late 2018, the new Education Standards comprise updated terminology and descriptions of the different training levels of P&O professionals, 15 standards and evidence of compliance, as well as an automated assessment process and a new reporting

format for ISPO audits. In this biennium, the ISPO Education Committee has continued to implement the revised Standards by advising training programmes and auditors on the new elements.

Just as the COVID-19 pandemic has had significant implications for education programmes in prosthetics and orthotics around the world, it has also impacted the ISPO accreditation processes. With international travel and face-to-face gatherings

put on hold since early 2020, the ISPO Education Committee has had to adapt its operations and establish a new framework for conducting the audit activities in a virtual setting. ISPO's volunteer auditors and training programmes are collaborating successfully according to the revised audit structure. As a result, eleven virtual audits have been completed by the end of October 2021. Congratulations to the training programmes that have been re-accredited this biennium!



## ISPO Audits during Biennium 2019-2021

<b>Oct 2019</b>	Sudanese Diploma in Prosthetics and Orthotics, Al Neelain University, National Authority for Prosthetics and Orthotics and ICRC	<b>Onsite</b>
<b>Jan 2020</b>	Bachelor of Science (Honours) in Prosthetics and Orthotics, Strathclyde University	<b>Onsite</b>
<b>April 2021</b>	Bachelor of Science (Honours) in Biomedical Engineering, Hong Kong Polytechnic University	<b>Virtual</b>
<b>June 2021</b>	Diploma of Orthopaedic Technologists, Vietnamese Training Centre for Orthopaedic Technologists	<b>Virtual</b>
<b>June 2021</b>	Certificate Programme in LLOT, Certificate Programme in LLPT, Vietnamese Training Centre for Orthopaedic Technologists	<b>Virtual</b>
<b>July 2021</b>	Bachelor in Orthopaedic Engineering, Fontys University of Applied Sciences	<b>Virtual</b>
<b>July 2021</b>	Applied Bachelor in Orthotics and Prosthetics, Jakarta School of Prosthetics & Orthotics	<b>Virtual</b>
<b>July 2021</b>	Berufs- und Meisterschule für Orthopädie Technik, Kerschensteiner Schulzentrum	<b>Virtual</b>
<b>July 2021</b>	Single Discipline Programme in Lower Limb Orthotics and Lower Limb Prosthetics, Mobility India	<b>Virtual</b>
<b>Aug 2021</b>	Ottobock International O&P School	<b>Virtual</b>
<b>Aug 2021</b>	Diploma in Orthopaedic Technology, Ecole Nationale des Auxiliaires Médicaux	<b>Virtual</b>
<b>Sept 2021</b>	Bachelor of Science in Prosthetics and Orthotics, Philippines School of Prosthetics and Orthotics	<b>Virtual</b>
<b>Oct 2021</b>	Professional Pathway in Prosthetics and Orthotics, National Commission on Orthotic and Prosthetic Education / American Board for Certification	<b>Virtual</b>

## ISPO Auditors

ISPO auditors are volunteers trained by ISPO who evaluate prosthetic and orthotic training programmes or pathways during the ISPO accreditation process and assess compliance with the ISPO Education Standards. With a view to enlarging the pool of auditors, ISPO conducted an auditor recruitment campaign in 2021. Over 20 new candidates have been nominated to become ISPO auditors and participate in ISPO's accreditation activities as of 2022.

### ISPO thanks the auditors that have engaged in audits 2019-2021:

Alaa Alobaidi  
Bryan Malas  
Christian Schlierf  
David Rusaw  
Godfrey Asiimwe  
Josh Utay  
Mamta Kumari  
Michael Rechsteiner  
Monica Castaneda  
Nicolas Munoz Buderus  
Robin Seabrook  
Sakai Kazuhiro  
Sarah Day  
Sirirat Seng (Bam)  
Thanh Nguyen

Anareme Kpandressi  
Carson Harte  
Claude Tardif  
Els Morris  
Jean de Dieu Rukundo  
Linda Laasko  
Mary Scott  
Mindy Thorpe  
Nathalie Anglehart  
Pearl Boshof  
Rowan English  
Sandra Sexton  
Shin Sasaki  
Stephney Weerasinghe  
Thearith Heang



**13**

Audits in Biennium  
2019-2021



**30**

Volunteer in  
Biennium 2019-2021



**33**

Accredited Training  
Programmes and Pathways  
in **28** Countries



**6000 +**

Graduates since  
Accreditation  
Programme Inception







**Bryan Malas**  
Chair, CPD  
Committee

## Continuing Professional Development (CPD) Committee

### How does your committee contribute to ISPO's mission and vision?

The CPD Committee's strategy bolsters ISPO's unique position as an international, multidisciplinary community of frontline practitioners: ISPO has a truly global reach and authority in a highly specialised subject matter, taking the broad perspective of the various disciplines involved. By establishing continuing professional development activities as one of its core values, ISPO can build upon its strong reputation and add to an extensive network of ISPO Member Societies and partner organisations

### What have been your committee's main activities and accomplishments this biennium?

The ISPO Continuing Professional Development (CPD) Committee was set up as a new ISPO Committee this biennium. The main task in this initial setup period has been the development of a fully operational plan for 2022 and beyond, as well as the establishment of a CPD framework that will define the CPD thematic priorities for the coming years.

As a first step we held a strategic planning meeting, during which the following CPD objectives were agreed upon:

- Foster high-level multidisciplinary practice globally
- Promote ISPO's vision and showcase members and expertise
- Grow and diversify the international community and multidisciplinary membership
- Build ISPO's position as a global voice and valuable CPD partner
- Foster synergies and partnerships

The subsequent report provided direction for future CPD activities, which include the following:

- Hybrid (virtual and in-person) learning
- Development of different delivery models

- Content quality review process and CPD recognition system
- Case study database

### How has your committee embraced, or is embracing, the digital transformation that ISPO is currently going through?

Offering of online educational activities is one of the cornerstones of ISPO's digital transformation. The integrated eLearning portal that is being developed (ispollearn.org) will enable online learning to support the continuing professional education of ISPO members and the community at large.

The best example of digital transformation was the successful Telehealth Symposium that we ran virtually in 2020. With nearly 500 registered participants from 85 countries, we were able to convene a multi-disciplinary programme that covered both practical and theoretical applications.

### What is the short-term outlook for your committee, i.e., what are the plans for the near future?

The current emphasis is laid on the development of a learning platform using LearnDash, which is accessible through the ISPO website. Another focal point of the Committee's work will be on developing a database of case studies that can be accessed by the professionals.



### Continuing Professional Development (CPD)

2019-2021

Bryan Malas (Chair)  
Adama Amah  
Christian Schlierf  
Jean-Pierre Lissac  
Kazuhiro Sakai  
Laura Burgess  
Youssef Salam





## ISPO Symposium on Telehealth

Webinar on 16 October 2020 - 12-3PM UCT

## ISPO Symposium on Telehealth

On 16 October 2020, the ISPO Continuing Professional Development (CPD) Committee organised its first online Symposium on Telehealth.

The webinar, which was freely accessible to the entire ISPO membership and P&O community, aimed to demonstrate how communication technology and electronic information is being used in various sectors of rehabilitation services. In particular, the purpose was to:

- Introduce participants to telehealth;
- Demonstrate/discuss the importance of telehealth in light of the current pandemic;
- Provide examples/models of telehealth that have been put into practical use.

### The symposium included the following speakers and topics:

Youssef Salam	Telehealth for P&O, Introduction & Application
Andrew Jolly	Telehealth for remote regions (Australia interior)
Saravan Kumar	Technology meets health care: what are patients experience of, and satisfaction with, telehealth?
Karen Jacobs & Cynthia Abbott-Gafney	Occupational Therapy: School-based Telehealth in the United States
Jim Campbell	Experience with Telehealth, Remote Consultation, Clinical Support & Education
Andrea Guzman & Louise Puli	TeleAT
Abder Banoune & Isabelle Urseau	3D Printing and Telehealth

The symposium turned out to be a highly successful event with nearly 500 registered participants from 85 countries around the world. The recording of the event will be made available to ISPO members via the LearnDash platform.





**Man-Sang Wong**  
Chair, Scientific  
Committee

## Scientific Committee

### How does your committee contribute to ISPO's mission and vision?

The ISPO Scientific Committee promotes and facilitates research studies, evidence-based practices, the development of innovative and appropriate technology, international collaboration and consensus as well as knowledge exchange to allow people an equal opportunity for full participation in society.

### What have been your committee's main activities and accomplishments this biennium?

During this biennium, the ISPO Scientific Committee has focused on the following main activities:

In order to establish agreement on global clinical guidelines for main areas of interest in P&O, ISPO organises **consensus procedures**. Recognised experts are brought together to assess research and clinical practice, define appropriate directions by fostering debates, exchange information, and collaborate to advance research and evidence-based practice. Recent topics include Lower Limb Amputation and Cerebral Palsies and Orthotic Intervention.

With the aim of motivating P&O researchers to deliver high-quality research, ISPO awards several **prizes** as recognition for outstanding achievements in P&O research and development. The Scientific Committee is responsible for assessing candidates for the Brian &

Joyce Blatchford Prize and the Forchheimer Prize by reviewing nominations and making recommendations to the Executive Board.

With the **mentorship programme for novice P&O researchers**, the Scientific Committee has established a communication platform for mentors and mentees. The Committee also set up a template for research methodology to encourage, assist and support novice P&O researchers to ensure they achieve a level of quality that meets the ISPO standards of dissemination,

such as dissemination at the ISPO World Congress and in "Prosthetics & Orthotics International".

To increase the quality of P&O research papers so that they are meaningful for the clinical community, the Scientific Committee has established core datasets and guidelines for P&O research methodologies. Recommendations for reporting subject information in lower limb prosthetics, stride parameter database and minimum core datasets have been made. In addition, the current literature according to the standards and POI publications have been included. A research guideline for orthotics has also recently been developed.

The Committee has continued to work on the development of a prosthetics and orthotics online dictionary with the review and integration of existing materials such as the lexicon database of ISPO Canada, as well as ISO and ICF terminology.

One of the key roles of ISPO is to provide education and training for best practice to support multidisciplinary teams who are responsible for the rehabilitation of physically disabled persons. Standards have been developed to help define the best course of action a practitioner should take to ensure the highest quality of care. They describe the method and procedures for verification and validation and enable accurate, consistent communication in the dissemination, and provision of care pathways. ISPO has established links with the International Organisation for Standardization (ISO) and its Technical Committee (TC) 168 Prosthetics and Orthotics to facilitate communication and collaboration.

Furthermore, the Cochrane Rehabilitation network provides ISPO with an excellent forum to which it can contribute, helping it become a leader in research of P&O aspects.

### How has the COVID-19 pandemic impacted your committee's work?

The COVID-19 pandemic may have impacted our



physical gatherings, but, thanks to online meetings, it did not hamper the exchange of knowledge and sharing of clinical and research experiences.

### How has your committee embraced, or is embracing, the digital transformation that ISPO is currently going through?

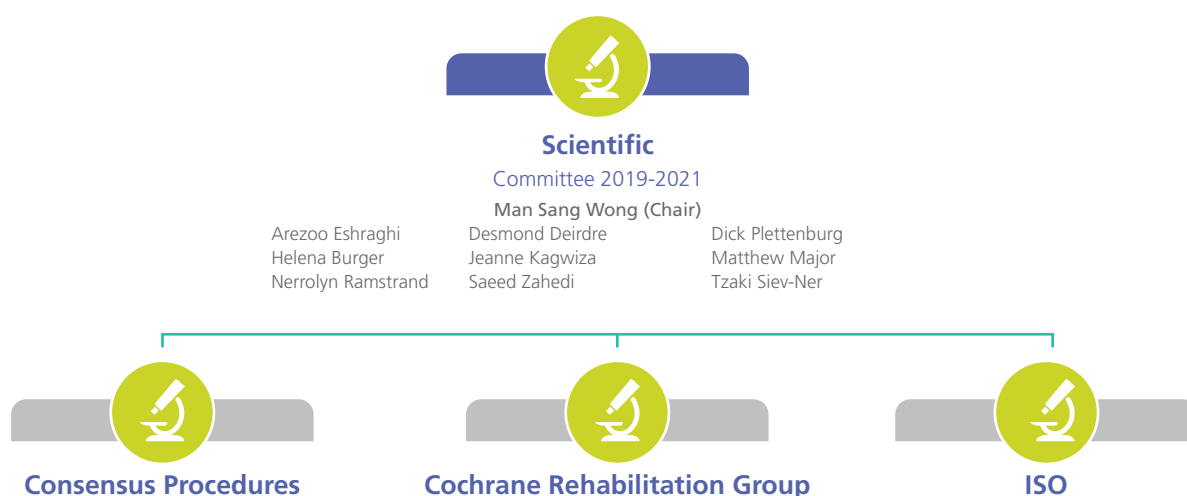
The ISPO Scientific Committee is embracing various activities related to digital transformation such as online assessments, 3D printing technology and monitoring of treatment and outcome measures.

### What is the short-term outlook for your committee, i.e., what are the plans for the rest of the biennium or going into the next?

The ISPO Scientific Committee plans to take on a more active role in nurturing and acknowledging the new generation

of researchers. The Committee proposes to present a new award to P&O students in ISPO-accredited programmes who have demonstrated outstanding performance in conducting their capstone/final-year projects.

Furthermore, the Scientific Committee plans to review different available databases in P&O and assess the possibility of integrating these datasets into a common platform for big data analysis.



## ISPO congratulates the prize winners:

### Forchheimer Prize 2021:

Douglas John Matthews, Mateen Arastu, Maggie Uden, John Paul Sullivan, Kristina Bolsakova, Kingsley Robinson, Sellaiah Sooriakumaran, David Ward: UK trial of the Osseointegrated Prosthesis for the Rehabilitation for Amputees: 1995–2018 in *Prosthetics and Orthotics International*, vol. 43, 1: pp. 112-122 (2019)

*The Prize has been established by the Forchheimer Family to honour the memory of Mr. Alfred Forchheimer and Mrs. Sylvia Forchheimer. The Prize is awarded to the most outstanding paper on objective clinical assessment, clinical evaluation or clinical measurement published in Prosthetics and Orthotics International during the years prior to the event.*

### Sepp Heim Award 2021:

Carson Harte

*The Award has been established by ISPO to honour the memory of Mr. Sepp Heim for a lifetime of significant contributions to both ISPO and the development of prosthetic and orthotic education and services in developing countries. The Award recognizes individual/s or an institution/organisation that have made significant contributions to the development and/or provision of appropriate mobility device services in less-resourced settings.*





**Karen Andrews**  
Chair, Publications  
Committee

## Publications committee

### How does your Committee contribute to ISPO's mission and vision?

The ISPO Publication Committee oversees and evaluates all publication efforts of ISPO from a business, organisational, and financial point of view and assists the Society, editors, and editorial teams in their overall support of ISPO's mission. In accordance with its mission, ISPO publishes peer-reviewed information in journal, text, and electronic formats.

### What have been your committee's main activities and accomplishments this biennium?

The ISPO Publications Committee has experienced a great deal of change over the biennium. Since January 2021, the Society's official journal "*Prosthetics and Orthotics International (POI)*" has transitioned to an online format. In addition, both a new publisher, Wolters Kluwer, as well as a new Editor-in-Chief, Dr David Boone have been appointed after a request for proposals and open call for candidates, respectively, and a subsequent thorough review and selection process. Under Dr Boone's leadership and with Wolters Kluwer's support, POI continues to be one of the major international scientific publications in the field of prosthetics and orthotics.

### How has the COVID-19 pandemic impacted your committee's work?

It was challenging to recruit a new Editor-in-Chief and transition to a new publisher during the pandemic. Thanks to incredible teamwork, and numerous online meetings, the transition has been a great success.

### What is the short-term outlook for your committee, i.e., what are the plans for the near future?

Our ongoing goals include improving the relevance and impact of "*Prosthetics and Orthotics International (POI)*", exploring ways of increasing the footprint of POI and other ISPO publications and offering translations into other languages such as French, Spanish, or Chinese for non-English speaking markets.

In addition, Dr David Boone plans to rebuild the Editorial Board of POI, add in-depth editorials to make POI more "readable" for the average ISPO member and introduce a teaching element to POI in an ongoing series of self-contained lessons.

Finally, the ISPO Publications Committee is also responsible for reviewing and overseeing the preparation of the ISPO eUpdate. This compilation of updates and news articles on Society activities, Member Societies and partner organisations is sent to the membership on a bimonthly basis.



### Publication Committee 2019-2021

Karen Andrews (Chair)  
Jean-Pierre Lissac  
Kirsten Abel  
Reynaldo Rey Matias  
Tjerk De Ruiter  
Vibhor Agrawal  
Randi Davis (Publisher liaison)



# Prosthetics And Orthotics International

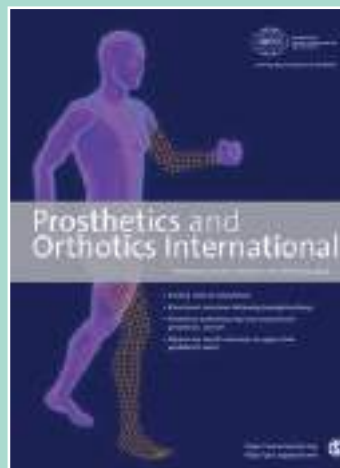
"*Prosthetics and Orthotics International (POI)*" is a vital organ within the body of ISPO, supporting and reflecting the strength and health of our professional organisation. Ensuring the publication's content is of high quality is critical, and maintaining quality requires the ongoing diligence and dedication of the entire editorial team. Many colleagues

contribute to the output of POI every day. Our associate editors exhibit tremendous dedication in their volunteering efforts to review and edit each manuscript submitted to the journal.



## POI Associate Editors

Jan Andrysek	Adam Arabian
Cleveland Barnett	Nachiappan Chockalingam
Ambreen Chohan	Laura Coffey
Giovanni Cutti	Benjamin Darter
Goeran Fiedler	Fan Gao
Brian Hafner	Toshiki Kobayashi
Cheryl Metcalf	Laura Miller
Daniel Norvell	David Francis Rusaw
Reza Safari	Andrew Sawyers
Douglas Smith	F. Clay Smither
Marietta van der Linden	Christopher Kevin Wong
Sumiko Yamamoto	



**Dr David Boone**  
POI Editor-In-Chief

The past two years have seen significant change for POI. Our previous four Co-Editors-in-Chief (Stefania Fatone, Michael Dillon, Brian Hafner, Nerrollyn Ramstrand) completed their term of service at the end of 2020 and their efforts clearly improved every aspect of the journal. For example, in June, the Journal Citation Reports Impact Factor increased to 1.895, up from 1.482 in 2019. This reflects the hard work and commitment of the previous team.

As of 1 January 2021, POI has also changed publishers from Sage to Wolters Kluwer, and

we have transitioned to become an entirely online resource. The new editorial team has proven to be excellent stewards for POI. As an online publication we encourage the use of colour graphics without charge, additional supplementary text and multimedia downloadable materials for each article.

POI maintains a robust pipeline of manuscripts specific to prosthetics and orthotics. We had 221 manuscript

submissions from 1 January through to 31 August 2021 – an average of 6.3 new manuscripts per week. Twenty-seven accepted manuscripts are currently in production for Online First publication, 22 are in the authors' hands for revision and 68 are under review. We continue to publish a new issue every other month, with just over 100 pages of content in each issue.

Strategically, we will continually reassess the position of POI in the global context and evaluate how we can ensure that POI grows in relevance and access to the readership. ISPO members support a wide and varied range of clinical and research environments. The journal aims to be an agile publication that promotes the science of P&O and the clinical care missions of the ISPO members wherever they are. While what is important to one reader may not be of interest to all, we will seek balance and quality that brings in the best from around the world. I hope that all readers will find interest and food for thought, even in articles that seem quite distant from their own day-to-day needs.



**Rune Nilsen**  
Chair, Advocacy  
Committee

## Advocacy Committee

### How does your committee contribute to ISPO's mission and vision?

The ISPO Advocacy Committee aims to spread awareness of ISPO's core values, its mission and vision - with a special focus on the P&O education standards - among ISPO's Member Societies and other relevant international institutions.

The Committee plans to develop and carry out activities aimed at promoting equitable and universal access to rehabilitation and assistive technology services, multidisciplinary practice and collaboration among stakeholders, professional education for all those involved in rehabilitation and assistive technology service provision, the prosthetics and orthotics profession and services, and inclusion of persons with disabilities.

### What have been your committee's main activities and accomplishments this biennium?

Advocacy is the deliberate process of directly and indirectly influencing decision-makers, stakeholders and relevant audiences to support and implement actions that contribute to improving users' lives. Advocacy aims to bring about positive change in institutional policy and practice, public opinion and behaviour, and public health priorities.

To support ISPO's vision and mission, ISPO has created an Advocacy Committee to support the actions of ISPO, increase its visibility and strengthen the link between service users, rehabilitation professionals and decision-makers.

As a new Committee launched at the beginning of the biennium, a large part of the starting period has been spent defining the Committees' terms of reference, including its mission and objectives.

More recently, ISPO Member Societies have been surveyed to learn about advocacy efforts undertaken at

national and regional levels, gain insight into the need for support in advocacy work among ISPO's Member Societies and to guide the future activities of the committee.

### What is the short-term outlook for your committee, i.e., what are the plans for the near future?

The Advocacy Committee's main focus is on improving awareness of the ISPO Education Standards for Prosthetic/Orthotic Occupations, which were launched in the previous biennium. A promotion package will be shared with Member Societies in the near future to encourage the use of these Standards when advocating for high-quality prosthetics and orthotics education in their countries.

During the next biennium, we plan to hold advocacy activities around the WHO Standards for Prosthetics and Orthotics, as well as the Wheelchair Service Standards.



### Advocacy Committee

2019-2021

Rune Nilsen (Chair)

Alaa Al Obaidi

Astrid Kalanga

Claude Tardif

Elizabeth Mansfield

Favio Montane

Jean-Pierre Lissac

Soikat Ghosh

Louise Puli (observer - WHO liaison)

## Collaborations



### World Health Organization (WHO)

The World Health Organization (WHO) and ISPO have collaborated closely for more than 20 years. As a non-state actor in official relations with the WHO, ISPO actively supports the WHO's mission and activities by promoting a multidisciplinary approach in advocating for improved access to high-quality, affordable assistive products globally. Leveraging its international network, ISPO raises awareness on issues for people with disabilities and acts as a close partner in the following WHO initiatives and projects:

- Global Cooperation on Assistive Technology (GATE)
  - Access to high-quality affordable Assistive Products
  - Policy, Products, Personnel, Provision
- WHO Ad-hoc Advisory Group of Experts on Assistive Technology
- GReAT Consultation 2019, Develop Global Report on Effective Access to Assistive Technology
- Rehabilitation 2030
- WHO Rehabilitation Competency Framework Steering Group
- WHO Package of Priority Rehabilitation Interventions Workshops



### ATScale & USAID

Launched at the Global Disability Summit in July 2018, ATScale - the Global Partnership for Assistive Technology - is a cross-sector partnership for assistive technology that brings new energy and strategic focus to a significant global challenge. ATScale has set itself the inspiring goal of reaching out to 500 million people with life-changing assistive technology by 2030 to enable them to fulfil their full potential.

In support of ATScale, ISPO contributed via consultation to the development of the Product Narrative on Prostheses, which was released by ATScale in early 2021. Furthermore, ISPO's long-standing collaboration with the United States Agency for International Development (USAID) has continued this biennium, with the LEAD and COMPASS project being funded by USAID in support of ATScale and administered through the United Nations Office for Project Services (UNOPS).

In collaboration with the International Society of Wheelchair Professionals (ISWP), ISPO has been working on the development of Wheelchair Service Standards to support the wheelchair sector worldwide. Funded by USAID, the project started this biennium and should be completed by the end of 2021.



### Global Disability Innovation Hub (GDI)

ISPO is working in collaboration with the Global Disability Innovation Hub (GDI), the World Health Organization (WHO), AT2030, and the United Nations International Children's Emergency Fund (UNICEF) to build consensus across the multidisciplinary prosthetics and orthotics community through the production of a paper called: "Digital Transformation: Implications for manufacturing prostheses and orthoses".

The scope of this consensus-building project is a focused review of evidence on digital transformation methods for prosthetic and orthotic fabrication (e.g., body scanning, CAD design, carving or 3DPrinting, central fab). Drawing on two sources of expertise, research review of the available literature and expert opinion, ISPO is supporting the initiative by bringing together an expert group of clinicians, technicians, administrators, engineers, and industry representatives who have multiple years' experience in using digital fabrication methods for prostheses or orthoses. The project is expected to be completed during the next biennium.



### Global Rehabilitation Alliance

ISPO is a member of the Global Rehabilitation Alliance (GRA), whose mission is to advocate for the availability of quality, coordinated and affordable rehabilitation through system strengthening according to population needs. In October 2019, the Global Rehabilitation Alliance agreed to integrate the Alliance within the WHO structure, and the terms of reference are currently being produced.

## ISPO Industry Advisory Group (IAG)

The ISPO Industry Advisory Group (IAG) provides a forum for ongoing networking and learning with industry partners, enabling strategic dialogue, the joint exploration of common challenges and related solutions in the field of assistive technology. The IAG also investigates ways in which ISPO can collaborate with industry partners worldwide to the benefit of users across the globe. The group is open to companies active in the fields of rehabilitation, mobility devices, and other assistive products, be it manufacturing devices and/or providing services.

### **LEAD (Lower Extremity Absence Dataset) and COMPASS (Consensus Outcome Measures for Prosthetic and Amputation ServiceS): Tools to map the way forward for people with lower limb absence**

In 2019, the ISPO IAG established two working groups to develop consensus on the contents of a white paper giving a clear outline in the process to build Consensus on Outcome Measures for Amputation and Prosthetic ServiceS (COMPASS). COMPASS aims to underpin and standardise data collection and guide research in lower limb prosthetics, defining the Lower Extremity Amputation Dataset (LEAD). This dataset is useful to the industry and to national and international institutions, which are involved in policy-making, funding and other matters relevant to lower limb prosthetics.

Carried out with the support of USAID through ATScale and UNOPS, the projects represent a major step towards the routine collection of information on outcomes for people with lower extremity absence (LLA).

The COMPASS was developed through a systematic review of outcome measures with psychometric properties reported for people with LLA, with the determination of adequate psychometric properties being made by an expert panel. Outcome measures with adequate measurement properties were presented to a broad-based consensus process including end-users, clinicians, managers, policy makers and industry partners to determine worldwide applicability, usability, and utility.

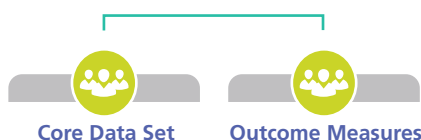
The LEAD was developed through a scoping review of information contained in registries and databases on prosthetics and other assistive technology and semi-structured interviews with data custodians. A second broad-based consensus process was conducted with a range of stakeholders to determine data elements and make recommendations about registry design.

The COMPASS contains three performance-based (PerfOMs) and three patient-reported outcome measures (PROMs). The COMPASS+, consisting of two PerfOMs, is available for people with higher activity levels, and the COMPASS Adjunct consists of one PROM. The COMPASS outcome measures are included in the LEAD to form a basic uniform dataset, which will be used to inform health policy for the improvement of services for people with LLA. An editorial will be published in "Prosthetics and Orthotics International" in October 2021. This will be the first of a series of papers on the process and outcomes of this project. The final report and the key recommendations will be available on the ISPO website.



### **Industry Advisory Group (IAG)**

Fillauer LLC  
Össur  
Ottobock SE & Co. KGaA  
ProFit Technologies JSC  
Proteor





## Regional Collaboration

ISPO supports the development of regional groups and collaborates with these groups so that they can focus more sustained efforts on mutual challenges faced in different areas across the globe.



## Global Partnership Exchange (GPEx)

ISPO keeps in regular contact with its partner organisations through its Global Partnership Exchange (GPEx), formerly the Open Board. The purpose of GPEx is to provide a forum for on-going networking that enables strategic dialogue about common challenges in the field of rehabilitation and assistive technology (with an emphasis on mobility devices such as prostheses, orthoses and wheelchairs). The overarching goal of GPEx is to improve the quality of life for persons who may benefit mobility and assistive devices.

In recent years, ISPO GPEx has grown significantly, with 30 member organisations from across the globe now involved. With a view to leveraging this strong representation of international and regional non-governmental organisations, and by capitalising on the diverse expertise and experience inherent in the group, GPEx aims to build partnerships in the community to maximise their impact.

To serve GPEx purpose of providing a forum for on-going networking and collaboration, ISPO has launched a new collaborative tool for the GPEx group, which was launched on ISPO's 50th anniversary. The GPEx Online Community allows GPEx members to easily exchange news, ideas and best practice in an interactive forum.

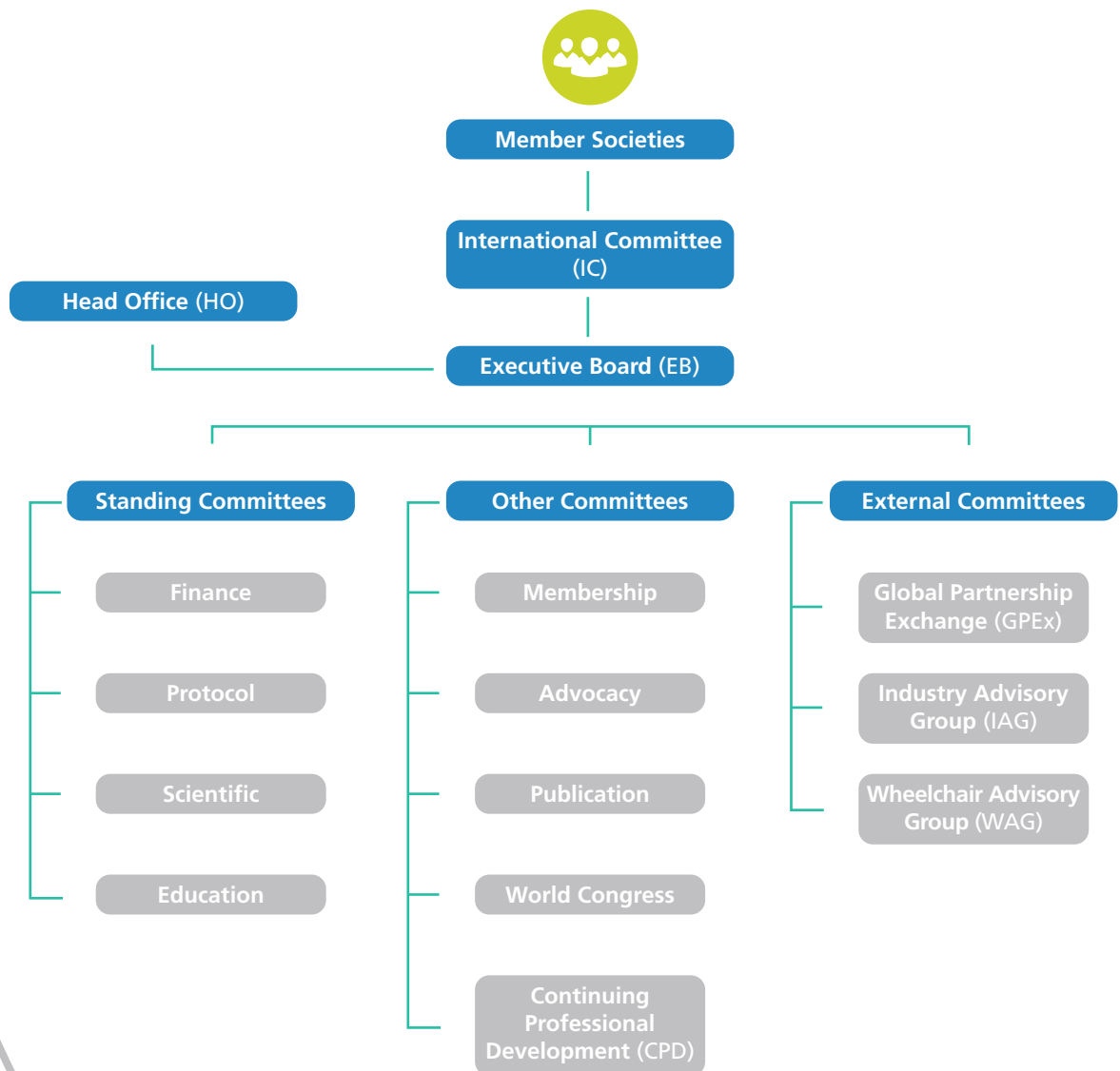
Two virtual GPEx meetings were held this biennium in April and October 2021. The ISPO leadership and representatives from the partner organisations used this opportunity to provide updates on their work and discuss potential collaboration opportunities.

The ISPO Head Office also prepares a biannual GPEx newsletter to ensure that GPEx members are kept up to date with more detailed content in between meetings.



# Society

## ISPO Organigram





**Friedbert Kohler**  
Chair, Protocol  
Committee

## Protocol Committee

### How does your committee contribute to ISPO's mission and vision?

The ISPO Protocol Committee has a permanent responsibility to review and interpret the ISPO Constitution and to act as an independent advisory body to the ISPO Executive Board. By ensuring that all decisions made by the Executive Board are consistent with the Constitution, making recommendations on amendments in the Constitution, guidelines and other internal documents, and overseeing the election process, the Protocol Committee serves the important role of warranting and refining good governance in ISPO which is central to a high-performing and compliant organisation.

### What have been your committee's main activities and accomplishments this biennium?

The ISPO Protocol Committee has worked extensively on a number of matters this biennium.

Due to the COVID-19 pandemic the Executive Board agreed to move the ISPO 18th World Congress from April to November 2021. This resulted in an extension of the biennium by six months, which had consequences on the length of terms of ISPO's governance bodies. To ensure continuity and appropriate handover, the Protocol Committee made general recommendations on transition arrangements between new and existing members of the Executive Board and Committees, including guidance on legal responsibilities, liabilities and decision making (voting). Newly elected members should be invited to join Executive Board meetings from the announcement of their election until the change of bienniums at the World Congress, but the legal responsibility and voting rights remain solely with the Executive Board in office during this transition period.

Other major work this biennium included the development of guidelines for nominations/appointments to all ISPO Committees (which are in line with the guidelines for Executive Board appointments), as well as the review of the election guidelines. This work included developing an algorithm to promote equity of Executive Board representation and clarification of eligibility to vote. The Protocol Committee also made recommendations regarding ethical parameters around being a Committee member, including duties of disclosure and conflict of interest, which have been added to the Board and Committee guidelines.

Moreover, the Protocol Committee reviewed the officer positions on the Executive Board and made recommendations with regards to a job description for the President, the establishment of criteria and qualifications for the position of Treasurer and suggested to have the

Secretary appointed from the general Board members. It was furthermore suggested that ISPO Fellowship status be granted to Presidents of ISPO when they have completed their term as Immediate Past President. Finally, the Protocol Committee has been asked to review the establishment of a Council of Past Presidents, which would comprise all former ISPO Presidents and would serve as an advisory body, primarily to the current President.

As in every biennium, the Protocol Committee and the ISPO Election Officer, Steven Hale, oversaw the election process of the ISPO Executive Board, and reviewed and scored candidates, forwarding recommendations based on the established criteria of gender, geography, age and professional discipline to the Executive Board.

Many of the above considerations implied making changes to the ISPO Constitution. They have been submitted to ISPO Member Societies for review and will be formally voted upon by the International Committee at its meeting in October 2021.



### Protocol Committee

2019-2021

Friedbert Kohler (Chair)  
Beth Sheehan  
Claude Tardif  
David Francis  
Gisela Guerrero - Nieto  
John Ondiège  
Raid Alkhatab  
Steven Hale  
Zia Ur Rehman



**Georg Blome**  
Chair, Finance  
Committee

## Finance committee

### How does your committee contribute to ISPO's mission and vision?

The mission of the ISPO Finance Committee is to guide and oversee the financial activities of the Society as directed by the Executive Board and make appropriate financial recommendations to allow the Society to be as active as possible while safeguarding its financial health.

### What have been your committee's main activities and accomplishments this biennium?

We are looking back at a difficult biennium. However, luckily, from a purely economic point of view, the situation has been less problematic for ISPO than it could have been.

Despite a decline in income from membership fees, substantial savings have been made on the expense side due to the travel ban and switch to digital meetings. The ISPO World Congress had to be completely transformed into a virtual event. It is anticipated that only a small profit will be made, which will fall short of the usually important results that are important for ISPO.

### What is the short-term outlook for your committee, i.e., what are the plans for the near future?

It will be crucial to minimise the negative financial impacts arising from the consequences of the

COVID-19 pandemic. While ISPO's reserves are still satisfactory for the moment, it will be important to pursue strict cost containment and increase the revenue from membership as well as develop further income sources for the Society.

One major task that has been started and will be fully addressed in the next biennium is to receive advice on and review the best legal and fiscal setting for ISPO as an international not-for-profit organisation.



### Finance Committee

2019-2021

Georg Blome (Chair)

Anton Johannesson

Claude Tardif

Edward Lemaire

Terry Supan

Neils Petersen (Accountant)





**Mariette Deist**  
Chair, Membership  
Committee

## Membership Committee

### How does your committee contribute to ISPO's mission and vision?

The ISPO Membership Committee's mission is to strengthen and increase ISPO's membership worldwide by providing relevant membership benefits, conducting targeted membership campaigns, and enhancing member engagement.

#### The Committee focuses on:

- Supporting ISPO Member Societies in their effort to be more successful and impactful locally
- Increasing the collaboration between ISPO International and Member Societies
- Advising ISPO International on matters of membership recruitment and retention
- Increasing the visibility of the Society and the recognition of its programmes and activities worldwide
- Providing benefits for members making it worthwhile to remain or become a member

### What have been your committee's main activities and accomplishments this biennium?

Our main goal is to serve the ISPO community. The members of the Membership Committee represent different parts of the world. At the start of the biennium, we assigned each Committee member to different countries within their region to act as a liaison for Member Societies. Our aim is to interact with all Member Society presidents at least once per biennium. Following the allocation of countries, we reached out to all Member Societies and were able to gather valuable feedback and information through numerous phone calls and online meetings. At the same time, we used the opportunity of direct contact to share information on ISPO and its activities. Member Society presidents have a lot to contribute and value these interactions, which also give the Membership Committee the opportunity to provide advice and identify good practices, trends and challenges. We are also looking into creating a platform for Member Societies through which they can share suggestions and concerns.

Membership numbers have dropped during the pandemic, and the impact of COVID-19 has left several countries vulnerable. The Committee has tried to promote ISPO by reminding Member Societies of the advantages of being an ISPO member. We have also revised and updated the membership guidelines, and most of the Membership Committee members are providing input on the development of a new website for ISPO.

### What is the short-term outlook for your committee, i.e., what are the plans for the near future?

We intend to create a short video that will be shared with those Member Societies' presidents with whom we have not been able to meet online. The ultimate aim is to interact with and get feedback from all of them.

We will also continue to review the benefits of ISPO membership and encourage Member Societies to further grow their numbers, not only among prosthetists and orthotists, but especially the other professions in the multidisciplinary team.

We believe that direct contact is very important and do hope that face-to-face meetings will be possible again in the future. However, at the same time, we also understand that the financial and accessibility advantages afforded by virtual platforms are a huge plus for us and our members.



### Membership Committee

2019-2021

Mariette Deist (Chair)  
Andrea Quintanilla  
Anarème Kpandressi  
Favio Montané  
Luai Sablaban  
Nisarar Opartkiattikul  
Tjerk de Ruiter

# Membership

**ISPO welcomed two new Member Societies in Azerbaijan and Colombia this biennium, and increased its spread of members to 113 countries around the world.**

However, overall, due to the challenges associated with the global COVID-19 pandemic, ISPO membership did, unfortunately, suffer during the biennium. While membership stood at 3,065 in 2019, the numbers decreased to 2,507 in 2020. Thanks to the World Congress taking place in 2021 the numbers have been picking up again.

## Meetings of the ISPO International Committee

While the global pandemic has had many negative impacts, it has also been an opportunity for ISPO to explore new possibilities to enhance engagement with ISPO representatives around the world. For the first time, the ISPO Executive Board met with the leaders of ISPO Member Societies in the annual International Committee meeting in an online setting.

Three successful meetings were held virtually this biennium, providing the opportunity for discussion and exchange. On 10 July 2020, 70 participants, including representatives of 35 Member Societies, got together. On 9 July 2021, the meeting attracted 70 participants, with leaders of 54 Member Societies present. A third IC meeting will take place on 29 October 2021, just before the ISPO 18th World Congress.



# Fellowship of ISPO

Fellowship of the International Society for Prosthetics and Orthotics is a special designation of individual ISPO members who have been registered with the Society for at least ten years and who have contributed to a high degree to the mission and goals of ISPO, or to the enhancement of P&O services in general, by personal achievement, integrity, reputation, and activities, including advancements in education, training or research.

## List of ISPO Fellows:

Bengt Soderberg	Dan Blocka
Hung-Hei Kwan	Jan Geertzen
Jules Becher	Klaas Postema
Madhouraj Balakrishnan	Man-Sang Wong
Rosielena Jovane	William J. Barringer

New Member Societies  
formed during  
biennium 2019-2021:

**Azerbaijan,  
Colombia**



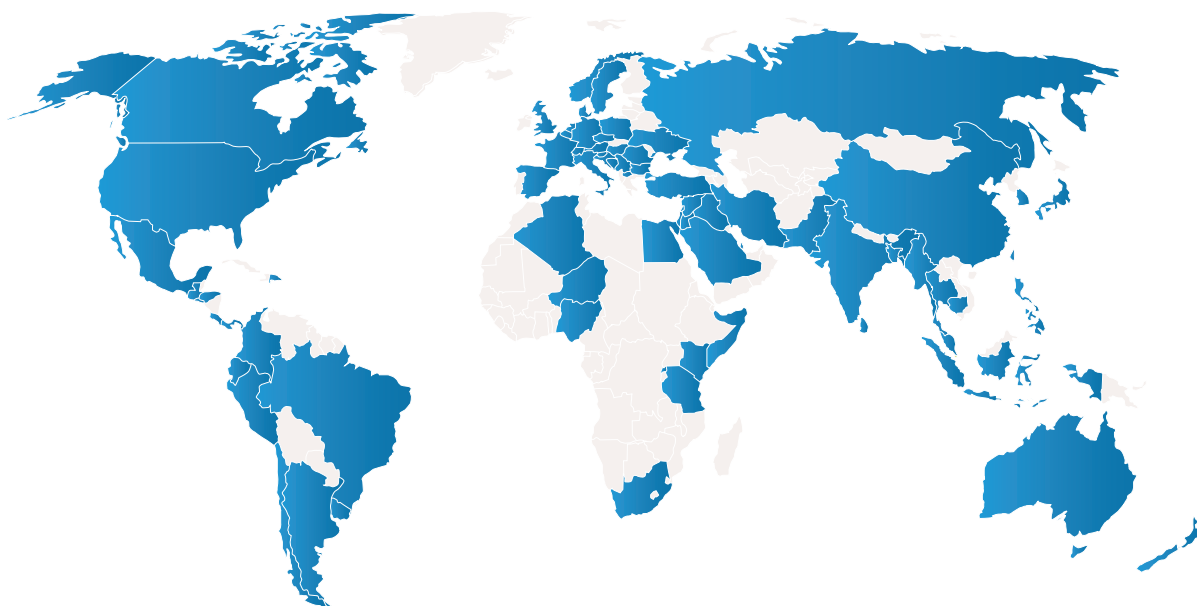
Presence in  
**113**  
Countries



**3065**  
Members



**76**  
Member  
Societies



# Member Societies

The 76 ISPO Member Societies are the backbone of ISPO. Each Member Society is independent and implements, within its country, region, or administrative jurisdiction, activities that further the objectives of ISPO. Education, exchange, partnerships and collaboration are fundamental features of every ISPO Member Society, which join forces on common projects to reach mutual goals.

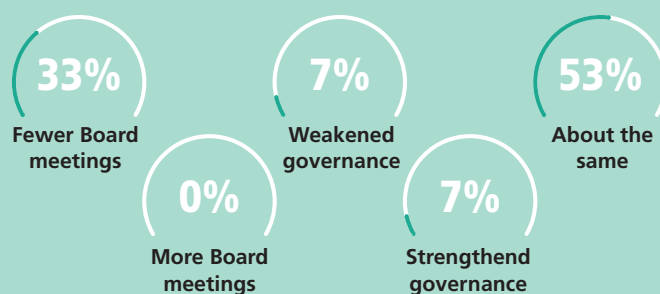
In the following pages you can read about activities organised by ISPO Member Societies during the biennium 2017-2019. These local and regional initiatives involving education, capacity-building, and awareness-raising are proof of the great efforts, hard work, passion and commitment that ISPO Member Societies demonstrate towards ISPO's mission.

## Survey on the Impact of the COVID-19 Pandemic

In mid-2021, ISPO International circulated a short questionnaire to survey its Member Societies on the impact that the global pandemic has had on its organisation and activities.

The results show that all Member Societies were impacted by the consequences of COVID-19, and many have experienced challenges and drawbacks, however they also indicate that Member Societies have been able to adapt, to successfully make use of technology and to create a new virtual offering for its members.

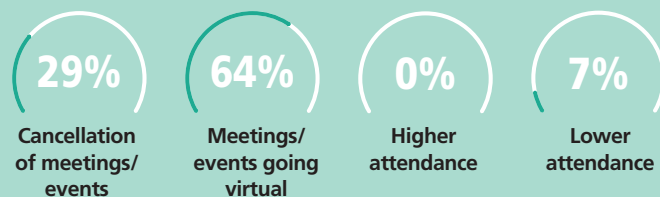
### Impact on Member Society's Governance



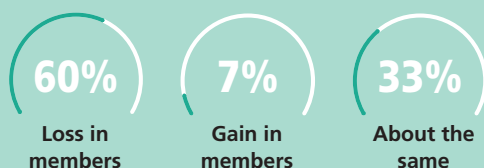
### Did Member Societies experience an impact due to the COVID-19 pandemic?



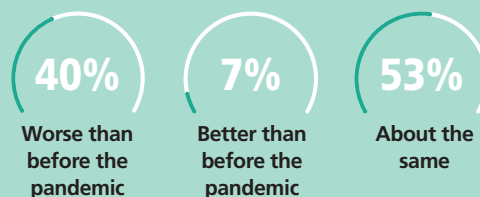
### Impact on Member Society's Meetings/Events



### Impact on Member Society's Membership



### Impact on Member Society's Financial Situation



## Member Societies

### Australia

**ISPO Australia's vision is to strengthen the lives of the prosthetic and orthotic community through a multidisciplinary approach. Besides delivering education, workshops, research funding, and mentoring, a key priority for the Member Society is to unite care providers, educators, and ultimately the clients of prosthetic, orthotic and rehabilitation services in an integrated community, and foster collaboration with key stakeholders to support rehabilitation in the Pacific regional network.**

ISPO Australia can proudly look back at numerous accomplishments this biennium. In 2019, a Research Grant of \$20k was awarded to a Consumer Experience Project and a multi-disciplinary workshop called "Transfemoral Amputation Prostheses – State of the Art in 2019" was organised. The LaTrobe University O&P Student prizes for academic excellence were awarded, and the Member Society sponsored a session called "Enhancing Global Access to Services" at the 2020 AOPA Congress. It also provided funding for Laura Stuart to publish the paper "Major Lower Limb Amputation in Central Australia: Incidence, Hospital Stay and Outcomes". ISPO Australia collaborated with ISPO Lebanon by providing ongoing support to the widespread disadvantaged community following the Beirut blast. As part of an outreach project, "Donating O&P Components to LI and LTMI Countries: A Guidance Document" will be published in 2021.

During the COVID-19 pandemic, ISPO Australia continued its projects where possible and shifted its focus to providing virtual support, engagement, and mentoring. The Member Society aims to increase its volunteer network through committee membership, update its governance protocols and committee roles and responsibilities, and launch the 2021 Research Grant in the near future.

### Egypt

**ISPO Egypt aims to educate professionals of the importance on the ISPO and works to increase the number of its members. The COVID-19 pandemic has been an obstacle to many activities. However, the Member Society managed to organise meetings to discuss specific cases, such as congenital malformation, and raised awareness on the implications of the pandemic.**

ISPO's value lies in bringing the community together and sharing knowledge. Therefore, ISPO Egypt plans to organise further meetings, collaborate with Egyptian universities and establish a scientific journal to contribute to the ISPO mission.



### Canada

**ISPO Canada promotes and engages in collaborative educational opportunities to bring new and innovative knowledge to the multidisciplinary members of the Society. The Member Society strives to promote multidisciplinary engagement, encourage research and evidence-based practice and foster international exchange to contribute to ISPO's mission and vision of empowering people who use prosthetic, orthotic and mobility devices to lead fulfilling lives.**

Between 24 and 28 June 2019 ISPO Canada worked with five other Member Societies to bring Rehab Week to Toronto, Ontario. Initiated to advance rehabilitation technology to the next level, the event attracted over 1400 participants from around the world.

Throughout 2021, ISPO Canada has engaged with ISPO Mexico and US ISPO to host a monthly webinar series open to all practitioners worldwide. Designed to generate interest in ISPO and promote the World Congress, the events have proven a success and showcased interesting speakers on a variety of topics.

ISPO Canada and the Ontario Association for Prosthetics and Orthotics (OAPO) will host a joint virtual annual general meeting and education day on 23 October 2021, with an exciting line-up of distinguished multidisciplinary technical and clinical speakers.

In the absence of face-to-face contact, it has been challenging to grow the membership base, but ISPO Canada found that the online format of its engagement enables the Member Society to reach members and prospects across the large and diverse country, as well as internationally.

The ISPO World Congress to be held in Guadalajara, Mexico, which is jointly organised by ISPO Mexico, US-ISPO and ISPO Canada has been postponed to 2023 due to the pandemic.





## Germany

**ISPO represents a network for interdisciplinary exchange to improve the care situation for people with physical limitations, and ISPO Germany contributes to this professional exchange by organising its own events and contributing to other congresses.**

In 2020, as part of the virtual OTWorld Congress that took place in October 2020, ISPO Germany presented a course on "Lower Leg Amputations and Prosthetic Devices" with three lectures. Due to the limited opportunities for exchange caused by the COVID-19 pandemic, it was and continues to be a challenge for the Member Society to maintain the usual offers for members and interested parties.

ISPO Germany will hold its annual congress on 3-4 December 2021 in Heidelberg.

## Iran

**In line with ISPO's mission, vision, and unique multidisciplinary approach, ISPO Iran provides education and aims to increase the quality of services by holding courses, implementing professional education, supporting innovative research through the collaboration with universities and institutions, raising awareness about new technology, collaborating with members and experts in the world, and encouraging the participation in scientific events to facilitate knowledge exchange.**

During the biennium, ISPO Iran organised several webinars. In January 2021, an international webinar on "Treatment Options of Hip and Spinal Deformities in Children with Cerebral Palsy" was held. Several webinars were organised in collaboration with the University of Social Welfare and Rehabilitation Sciences (USWR): introductory webinars on "Motion Analysis, Force Plate Data Analysis" and on "EMG Analysis" in April 2021, and advanced webinars on the same topics in June 2021, as well as a webinar on the "Orthotic Treatment of Children with Cerebral Palsy with Emphasis on Modern Methods" in July 2021.

The political and economic situation in its country remains the main challenge for the Member Society. The decreased value of the currency has made it hard for members to renew their subscriptions, or for prospects to join ISPO, and attending international congresses and courses is often to costly for members in Iran. The COVID-19 pandemic resulted in a substantial decrease of membership numbers, and the Member Society could not proceed with the organisation of an international short course on Stroke as originally planned.

ISPO Iran plans to hold national hands-on workshops about prosthetics and spinal orthosis, as well as webinars for students and professionals with a background in orthotics and prosthetics and related areas, such as physiotherapy, occupational therapy, and orthopedic surgery.

## Iraq

**ISPO Iraq's mission is to promote equitable and universal access to rehabilitation and assistive technology services**

**to improve the quality of life for people with reduced mobility, and to promote research, evidence-based practice and professional education for all those involved in rehabilitation and assistive technology service provision. Despite the ongoing challenges linked to the COVID-19 pandemic at international and national levels and the pressure on healthcare professionals, the Member Society's plan is to establish itself as a multidisciplinary Iraqi National Society, connecting with professionals involved in prosthetics and orthotics management.**

ISPO Iraq was able to arrange two successful virtual webinars during this biennium, on the topics of "Orthotic Management for Common Lower Limb (Angular and Rotational) Deformities in Children" and on "Cerebral Palsy" which addressed the primitive reflexes in new-born infants as a way to diagnose CP earlier.

The Member Society is keen to position the P&O field at the centre of health care transformation to help meet the health care needs of people with disabilities.

## Malaysia

**ISPO Malaysia is collaborating with the Ministry of Health Malaysia to develop a Code of Practice for prosthetic and orthotics devices to help users of P&O devices receive good quality products that will improve their quality of life. ISPO Malaysia also developed a proficiency skills standard for prosthetist/orthotist, associate and technician levels according to the National Occupation Skills Standard from the Ministry of Human Resources and it uses the ISPO Education Standards as a reference when promoting P&O education. The Member Society collaborates with local universities to organise conferences on P&O and collaborates with Össur on student webinars.**

Alongside KDU University College and University Putra Malaysia, ISPO Malaysia organised the 1st International Conference on Orthotics and Prosthetics with the theme "Empowering Disability through Technology" between 20 and 21 November 2019. At the event, ISPO Executive Board Member Kazuhiro Sakai presented ISPO's vision, mission and ongoing activities. In 2021, ISPO Malaysia organised a webinar on the Medical Device Act and the development of the Code of Practice for P&O devices in collaboration with the Ministry of Health Malaysia.

The pandemic resulted in lower membership numbers and made organising field activities challenging. ISPO Malaysia plans to organise a short course in the near future.



## Netherlands

ISPO Netherlands' mission is to be a leading interdisciplinary society that brings together professionals working in the prosthetic, orthotic, mobility and assistive technology field. It aims to do so by providing educational activities for professionals, stimulating the exchange of knowledge and best practices in the Netherlands and abroad (with a special emphasis on developing countries), fostering consensus building, and disseminating patient-based scientific research and technological development. Its vision is to ensure that individuals using assistive technology have and will have maximal access to the healthcare they need. Achieving this rests on two pillars; knowledge transfer and networking.

During this biennium, ISPO Netherlands held a four-day basic course on "Prosthetics for the Lower Extremity". Due to its success, the course will be held again in 2022. The Member Society's annual conference in 2020 highlighted Dutch contributions to the 2019 ISPO World Congress, and the 2021 event focused on digital care. ISPO Netherlands also contributed to a book presented in January 2021 that focuses on how to stay fit and healthy after an amputation and it contributed to the interdisciplinary guideline "Amputation and Prosthetics of the Lower Extremity" that was published in 2020.



Not being able to organise in-person events was a great challenge this biennium, as it was harder to strengthen existing and create new networks in a digital environment. However, ISPO Netherlands organised several well-attended online events, and hopes to be able to hold in-person events again next biennium. The Member Society plans to organise an event to update the multidisciplinary guideline "Amputation and Prosthetics of the Lower Extremity", and will contribute to the programme of Rehabweek 2022 which will be held in July 2022 in Rotterdam. Besides its annual conference, it will also, together with the ISPO Member Societies of Norway, Sweden and UK, organise the TIPS conference in 2022 and start the preparatory work for the ISPO World Congress 2025, which will be held in Stockholm.

## Norway

ISPO Norway has been successfully engaging with ISPO Cambodia via the ISPO twinning initiative since 2016. As part of this partnership one participant was partially funded to attend the ISPO World Congress 2019 in Kobe. Furthermore, ISPO Norway held a lecture on the Nu-FlexSIV Socket during the annual Cambodian P&O Congress and co-hosted a seminar about amputation together with Nettverk for Amputasjon, a national network of Norwegian institutes that work with amputees.

Furthermore, the Member Society awarded two scholarships for studies entitled: "The Effect of Ankle-Foot Orthosis and Orthotic Alignment on Walking Performance in Children and Adolescents with Cerebral Palsy" and "Pasient Sentrert Rehabilitering av Protesebrukere". ISPO Cambodia has received funding to develop a single axis prosthetics foot and work is under way on this project. Rune Nilsen has worked with the Advocacy Committee, promoting ISPO's vision, mission and education standards.

With the limitation of face-to-face activities due to the global pandemic, ISPO Norway plans to co-host an online event with ISPO UK.

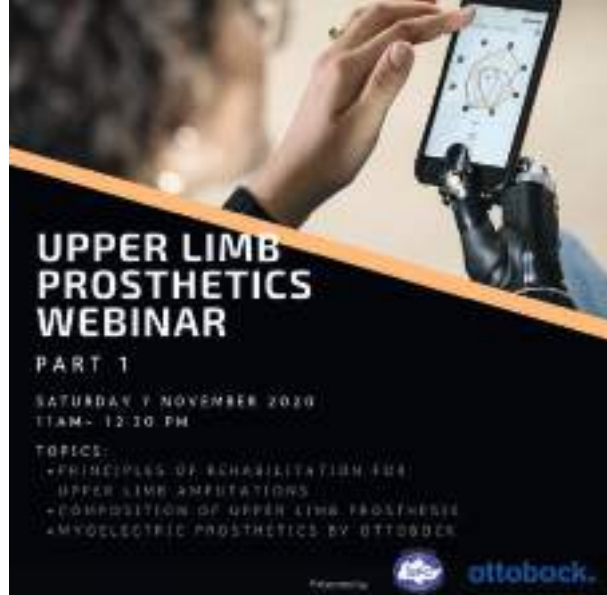
## Poland

ISPO Poland provides a platform to improve patient care through the exchange of experiences, continuous training and mutual assistance. Its main focus has been on education in the treatment of patients with neurological disorders. The Member Society has taken an active role in the transfer of knowledge from leading European centres to hospitals and workshops throughout Poland, thereby educating hundreds of therapists and doctors in the field of orthotic treatment of children and adults.

During this biennium, ISPO Poland has organised two symposia and two courses, with the annual symposium attracting over 70 participants. Symposia were organised in collaboration with Dutch, Turkish and Norwegian colleagues. A course on gait analysis and orthotic management for patients with cerebral palsy was presented at the EACD 2020 conference. Moreover, members of ISPO Poland were involved in a number of small, mostly local activities focused on improving orthotic treatment in neuro-rehabilitation.

Despite the challenge of moving meetings and trainings to virtual platforms, ISPO Poland is proud to announce that several online courses will take place in October and November and its annual meeting will be held in December 2021.





## Singapore

**ISPO Singapore aims to provide a platform for the co-development of best practices and care for users requiring P&O services. In addition, it intends to engage with stakeholders in decision-making to ensure that all patients are offered high-quality, affordable healthcare. ISPO Singapore is actively involved in new technological trends, such as 3D-printing and is conducting further research in this area.**

Over the past two years, the Member Society has offered educational sessions to address the local needs of those involved in the care of patients requiring prosthetics and orthotics interventions. Webinars on topics such as upper limb prosthetic management, cerebral palsy and the management of infantile positional cranial deformities have been organised, and ISPO Singapore has actively engaged with the local amputee support group, running strength and conditioning workshops for persons with amputations.

As part of ISPO Singapore's further development to align itself with ISPO, the Member Society is proud to host the upcoming APOSM virtually on 10-12 November 2021 with the theme "Transforming Mobility Through Inclusive Design" and looks forward to hearing and seeing design ideas and research from the P&O community.

The COVID-19 pandemic has severely limited ISPO Singapore's growth opportunities and awareness, and, being a young Member Society, it has yet to build a significant member base.

## Sweden



**ISPO Sweden contributes to ISPO's mission and vision by collaborating with other Member Societies, planning and implementing multidisciplinary webinars and conferences, and sharing of knowledge and networking.**

This biennium, the Member Society's main activities have been the cooperation with the ISPO International organisation, and the organisation of webinars, courses, and conferences. ISPO Sweden's main challenge has been to maintain an active role in the planning and implementation of conferences and courses during the global pandemic. In an effort to pivot to other activities, ISPO Sweden has initiated activities with other Member Societies in the region to create collaborative opportunities. The Member Society plans additional face-to-face meetings and on-site conferences as it is transitioning into the next biennium.



## Thailand

**ISPO Thailand aims to gather all the local disciplines related to prosthetics and orthotics and to collaborate within the Member Society to help improve the care of people with disabilities. It intends to do so by setting global standards, exchanging knowledge and sharing advances in the care approach.**

On 12 March 2021, ISPO Thailand co-hosted a three-hour webinar called "P&O and COVID-19 in Thailand: Impact, Opportunity and New Normal" with international speakers, Assist. Prof. Joshua Utay and Assoc. Prof. Netanya Utay of Baylor College of Medicine, Texas, USA. As part of the webinar, ISPO's document "Suggestions for Prosthetic Orthotic Clinics that must remain open during the COVID-19 Pandemic" was shared among the participants.

The pandemic resulted in fewer membership applications and the move of all events and activities to online platforms, which is expected to still last for some time.



## United Kingdom

ISPO UK's main emphasis is to actively encourage members to get involved and participate in professional and learning activities. The organisation aims to be relevant to the younger generation of professionals and is open to new ideas that facilitate learning, communication and knowledge dissemination.

ISPO UK can proudly look back at numerous activities and achievements this biennium. The Member Society developed a membership strategy document and was able to increase social media engagement to encourage networking and communication. It identified relevant educational and learning needs of its members and increased its offer of events and activities. The Member Society is establishing special interest groups, with the first being on upper limb differences. A series of educational webinars was held throughout 2021, covering a wide range of topics, such as outcome measures, COVID-19, multi articulating hands, pathological gait, and osseointegration. ISPO UK collaborates with the ISPO Member Societies in Sweden, the Netherlands and Norway to host events ahead of the ISPO World Congress 2025, such as ASM or TIPs. It encourages active membership in Committees with a balance across disciplines, gender and age, and contributes to ISO working groups.



While it has been a challenge to adapt to the changes brought about due to the pandemic, COVID-19 has also been a catalyst for innovation and new ways of working. By enhancing its offers to members, ISPO UK has managed to significantly increase its membership. Encouraging the orthotics community, and in particular the younger generation, to get involved ISPO remains a focus for the Member Society. ISPO UK will build on the strategy developed in 2020 and

seek to further increase its events and networks, such as the special interest groups (e.g., orthotics). It aims to deliver an annual research educational module backed up by mentoring to support members, who wish to, for example, write a paper. The TIPs conference on upper limbs will be held in the Netherlands in March/April 2022.

## United States

ISPO, a global community that is passionate about, and involved in, providing a full range of care and services to people who require or could benefit from orthotic and prosthetic devices, offers its members the opportunity to develop a unique and interdisciplinary perspective on rehabilitation medicine and to participate in a worldwide orthotic and prosthetic society. US ISPO is facilitating education, promoting multidisciplinary practice and fostering international collaboration.



The Member Society continues to host the US ISPO Pacific Rim Conference every other year in Hawaii and offers service-learning trips to Belize and Mexico to physiotherapy, occupational therapy and orthotics and prosthetics students, as well as interested practitioners.

At the 2020 US ISPO Pacific Rim Conference in Maui, Hawaii, the Member Society celebrated the 50th anniversary of ISPO. As an active member of the ISPO World Congress Local Organizing Committee 2023, US ISPO, in partnership with ISPO Mexico and ISPO Canada, shares knowledge and professional education through monthly webinars held in English and Spanish. As of September 2021, nine webinars reaching over 1900 attendees from 52 countries had been hosted.

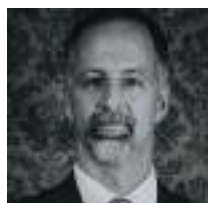
With a focus on online education and a lack of in-person events, it has been difficult to connect and network with members and prospects during the pandemic. US ISPO is currently working on a modified plan for the US ISPO Pacific Rim Conference taking place from 9 to 11 January 2022 in Hawaii and possibly the previously cancelled Caribbean Rim Conference that was to be held in San Juan, Puerto Rico in 2017. The webinar series with ISPO Mexico and ISPO Canada will continue during the next biennium.





# ISPO Executive Board & Head Office Staff

## ISPO executive board



**Edward Lemaire**  
Canada  
President



**Claude Tardif**  
France/Africa and  
Middle East)  
President-Elect



**Friedbert Kohler**  
Australia Immediate  
Past President



**Mariette Deist**  
South Africa  
Secretary



**Georg Blome**  
Germany  
Treasurer



**Karen Andrews**  
United States  
Member



**Bryan Malas**  
United States  
Member



**Marlo Ortiz**  
Mexico  
Member



**Kazuhiro Sakai**  
Japan  
Member



**Rune Nilsen**  
Norway  
Member



**Hung-Hei Kwan**  
Hong Kong  
Member

In addition, the following incoming Board Members have actively participated in meetings during the transition period since early 2021.



**David Constantine**  
United Kingdom  
(President-Elect  
2021-2023)



**Jon Batzdorff**  
United States  
(Treasurer 2021-2023)



**Anton Johannesson**  
Sweden (Member  
2021-2023)



**Kengo Onishi**  
Japan (Member 2021-  
2023)

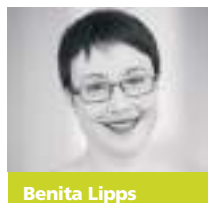


**Sandra Ramdial**  
Canada (Member  
2021-2023)

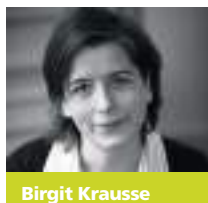
## ISPO Head Office (current and former staff members)



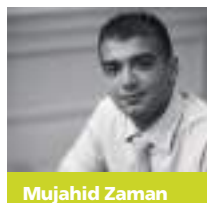
**Filipe Machado**  
Operations and  
Society Coordinator



**Benita Lipps**  
ISPO Strategy  
Oversight



**Birgit Krause**  
Head of Operations



**Mujahid Zaman**  
Society & Membership  
Administrator



**Saree Jourdain**  
Communications  
Administrator



**Georgia Manuzi**



**Janne Jarvinen**



**Zsolt Trembeczki**



**Claude Tardif**  
ISPO President Elect  
2019-2021

## Outlook 2021 - 2023

**In this last biennium 2019-2021, ISPO has proven its capacity to adapt to an evolving world. The pandemic prevented face-to-face gatherings; however, by using different digital tools, ISPO was able to maintain close contact with its members and its partners. Furthermore, the virtual approach has allowed a greater number of participants to attend meetings, as they did not have to incur the costs of travelling.**

In the next biennium, ISPO will continue to consolidate its new working methods, aiming to improve the overall management of the Society, as well as further enhancing communication and exchanges with our members and partners. At the same time, we will proceed with the organisation of and participation in face-to-face events, such as the ISPO Global Educators Meeting, which will be held in June 2022.

An organisation such as ISPO is only strong if its members are actively participating and supporting its activities. In preparation for the next biennium and for the very first time, an open call for nominations was circulated to ISPO Members Societies, inviting them to propose candidates to serve on the different ISPO Committees. In the next biennium we will continue to improve interactions with our members, ensuring that they are actively participating in projects and in the life of the Society. We will also work to provide additional benefits for ISPO members.

Over the years, ISPO has consolidated its position as a leading international multidisciplinary organisation and has become a key interlocutor in discussions related to rehabilitation and assistive technology. We will continue to support the World Health Organization (WHO) and other global organisations, initiatives and efforts that strive to ensure that a greater number of people have access to appropriate and quality rehabilitation and assistive technologies and services. Through the Global Partnership Exchange (GPEx) and the Industry Advisory Group, ISPO will further facilitate and enhance collaboration among the different stakeholders with the aim of improving the quality of life for persons who may benefit from rehabilitation and assistive technology.

I invite you all to be an agent of change by continuing to support ISPO's activities and mission. I look forward to working with you.

# ISPO Code Of Conduct

**The ISPO Code of Conduct outlines expectations about how members and fellows of the International Society for Prosthetics & Orthotics (ISPO) should conduct themselves in the multidisciplinary professional environment and when working for or representing ISPO.**

The Code is adjunct to the rules and guidelines of professional, chartered, and registration bodies and is not expected to contradict or diminish their duties and responsibilities of employers or other bodies.

## The ISPO Code of Conduct based on our values

1. Treat people equally with respect and consideration
2. Behave with integrity and honesty
3. Undertake our work to the best of our ability
4. Foster collaboration and supportive working
5. Recognise and value diversity and individual differences
6. Respect the opinion of colleagues in the multi-disciplinary team
7. Promote confidence, strength, trust and a fair environment and working culture
8. Exhibit professional behaviour
9. Take responsibility for our position of authority and be mindful of our impact on others
10. Respect the professional standards and guidelines of ISPO and our professional bodies.

# 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.

## Sign the ISPO Charter





**3065**  
Individual Members  
**76** Member Societies



Presence  
**113**  
Countries



In relationship with  
**30** Partner  
Organisations and  
**5** Multinational  
Companies



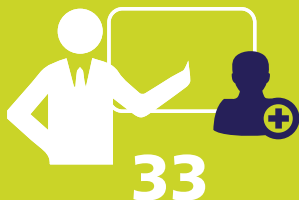
**18** World Congresses  
**84** Short Courses  
**10** Consensus Conferences



*... moving beyond physical disability*  
**50 years of ISPO**



**1.895**  
Impact factor of ISPO's  
scientific journal POI in  
2020



**33**  
ISPO-accredited P&O  
training programmes and  
pathways worldwide



**6050**  
graduates certified by ISPO  
as prosthetist/orthotist,  
associate prosthetist/  
orthotist or prosthetist/  
orthotist technician



**110**  
volunteers active in ISPO  
International Committees  
and Working Groups



INTERNATIONAL  
SOCIETY FOR PROSTHETICS  
AND ORTHOTICS

**INTERNATIONAL SOCIETY FOR PROSTHETICS AND ORTHOTICS (ISPO)**

22-24 Rue du Luxembourg

B-1000 Brussels, Belgium

Email: [ispo@ispoint.org](mailto:ispo@ispoint.org)

[www.ispoint.org](http://www.ispoint.org)