



# IAKS

International Association  
for Sports and Leisure Facilities

## 28TH IAKS CONGRESS PROGRAMME

# BUILDING RESILIENT COMMUNITIES THROUGH SPORTS AND LEISURE FACILITIES



**IAKS**  
International Association  
for Sports and Leisure Facilities


**PATRONS**



INTERNATIONAL  
OLYMPIC  
COMMITTEE



INTERNATIONAL  
PARALYMPIC  
COMMITTEE

 Federal Ministry  
of the Interior, Building  
and Community



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# 28th IAKS Kongress

The world's leading international forum on the planning,  
building and operation of sport and leisure facilities

24-27 Oct 2023, Cologne, Germany

# WELCOME



# IAKS

International Association  
for Sports and Leisure Facilities

Dear Members and Friends of IAKS,

A warm welcome to FSB and the IAKS Congress 2023!

With its rapid recent changes, the world is presenting us with multifaceted challenges in all areas of life. This is why we are focusing the Congress on resilience in society.

Climate change poses technical and architectural challenges for sports and leisure facilities. Sustainability and particularly the transition to renewable energy sources call for innovations that have yet to be developed.

Now fortunately behind us, the pandemic has further highlighted the importance of health and thus of an active lifestyle – while at the same time changing people's sports behaviour. In addition, greater importance is being attached to social cohesion and comprehensive social inclusion. Our sports and leisure facilities must respond to this.

To show how sports and leisure facilities can contribute as the foundation of a resilient society, we have again put together many inspiring lectures and discussion panels, bringing together speakers from all over the world.

## PATRONAGE



INTERNATIONAL  
OLYMPIC  
COMMITTEE



INTERNATIONAL  
PARALYMPIC  
COMMITTEE

The IOC IPC IAKS Architecture Prizes will also generate exciting stimuli. Don't miss the award presentation ceremony at the gala on Tuesday, 24 October, where we shall be celebrating the most innovative ideas of our industry and their creators.

All this would be impossible without the many years of excellent cooperation with our dependable partners. I should like to express my sincere thanks to the IOC, IPC, Koelnmesse and the German Ministry of the Interior and Community for their involvement in a spirit of trust.

I wish you many fruitful discussions and useful insights at the IAKS Congress, FSB and aquanale as well as at the many events taking place in this context. Please find the time for this valuable exchange of expertise, as it only comes around every two years. And why not join the IAKS to benefit from the latest know-how and the many services of our network in the intervening period? We shall be happy to provide you with further information at our Meeting Point on the Messeboulevard.

I look forward to meeting you personally in Cologne.

Yours

**Dr Stefan Kannewischer, IAKS President**



**Federal Ministry  
of the Interior  
and Community**



Dear participants,

The International Olympic Committee is honoured to once again give patronage to the IAKS Congress.

This year's theme – "Building resilient communities through sports and leisure facilities" – resonates very much with the IOC mission to make the world a better place through sport and in particular with our commitment to sustainability.

Building resilient communities – this is where sport can make a difference. Sport is the low-cost, high-impact tool par excellence to support all countries to build a healthier, more equal and more sustainable world for everyone, 365 days a year.

This is why the IOC and the Olympic Movement are focused on strengthening this important enabling role of sport and contribute to achieving the United Nations Sustainable Development Goals.

As your Congress highlights, building resilient communities and strengthening sustainability must go hand-in-hand. In this respect, you can always count on the support of the IOC as we bring the power of sport into the heart of our communities.

We all have a role to play. Whether it is improving people's lives, stepping up climate action, or putting sustainability at the heart of all our actions – we can only have an impact if we stand together. Because it is only by joining hands, that we can live our Olympic motto: Faster, Higher, Stronger – Together.

Yours  
**Dr Thomas Bach**  
IOC President





Dear friends,

It is my pleasure to welcome you here to the 28th international IAKS Congress.

In my role as President of the International Paralympic Committee I'm often asked, what value does Para sport provide for people and communities? It is a priceless one.

By its very nature sport is inclusive. It is about the people we meet, it is about the memories we create along the way, and it is about the togetherness felt by both the individual and the community in which they belong.

You may say you're building a sports facility, but in reality, you're creating a freedom facility. This is especially true for the 1.2 billion people on this planet who have a disability, and are also the world's most marginalised population.

When you create an inclusive space for persons with disabilities to practice sport, you give them the opportunity to challenge themselves and help increase their confidence.

If you ask a person with a disability what sport gives them, then it is a profound sense of freedom, empowerment, and a strong sense of personal identity. For people and communities that is priceless.

I hope you have a wonderful week at the Congress.

Yours  
**Andrew Parsons**  
IPC President



**Federal Ministry  
of the Interior  
and Community**

Dear participants,

Sport keeps us healthy, motivates us and gets us moving not only physically. Sport animates people to hone their own skills and creates cohesion in a diverse society. As the Federal Minister of the Interior and Community, I am therefore delighted to act as the patron of the 28th IAKS Congress.

The IAKS' services to sports and leisure facilities underpin the German sports sector. Your work has therefore also been recognised with good reason by such specialist international organisations as the International Olympic Committee.

We need high-quality, demand-driven and also sustainable sports facility infrastructure in Germany. This applies equally to grassroots and top-level sport. In order to compete internationally, our top athletes need the best conditions for training and competition. The federal government will make around EUR 26.5 million available for this purpose in 2023.

At the International Congress for the Planning, Construction and Operation of Sports and Leisure Facilities, you can now advance innovation and exchange ideas. I wish everyone attending a fruitful congress in Cologne with plenty of inspiration for your future work.

Yours

**Nancy Faeser**

**Federal Minister of the Interior and Community**



# IAKS

International Association  
for Sports and Leisure Facilities

## Use the knowledge of our worldwide network!



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When are you joining?  
[www.iaks.sport](http://www.iaks.sport)

# PROGRAMME



## TUESDAY

- 1 13:00 – 14:30  
Global challenges  
and global initiatives
- 2 15:00 – 16:30  
The activity path to  
Brisbane 2032 and beyond
- 3 17:00 – 18:00  
Welcome to Australia:  
Happy hour for IAKS  
members and friends
- 4 18:30 – 23:00  
2023 IOC IPC IAKS  
Architecture Prizes Ceremony

## WEDNESDAY

- 8 5 10:30 – 12:00 16  
Today's design decisions and  
future-oriented programming
- 10 6 13:30 – 15:00 18  
Reducing the carbon footprint
- 12 7 15:30 – 17:00 20  
IAKS General Assembly
- 14 8 17:00 – 18:00  
Happy hour for IAKS members  
and friends
- 8 19:00 – 22:00 22  
Nations' Night for IAKS members

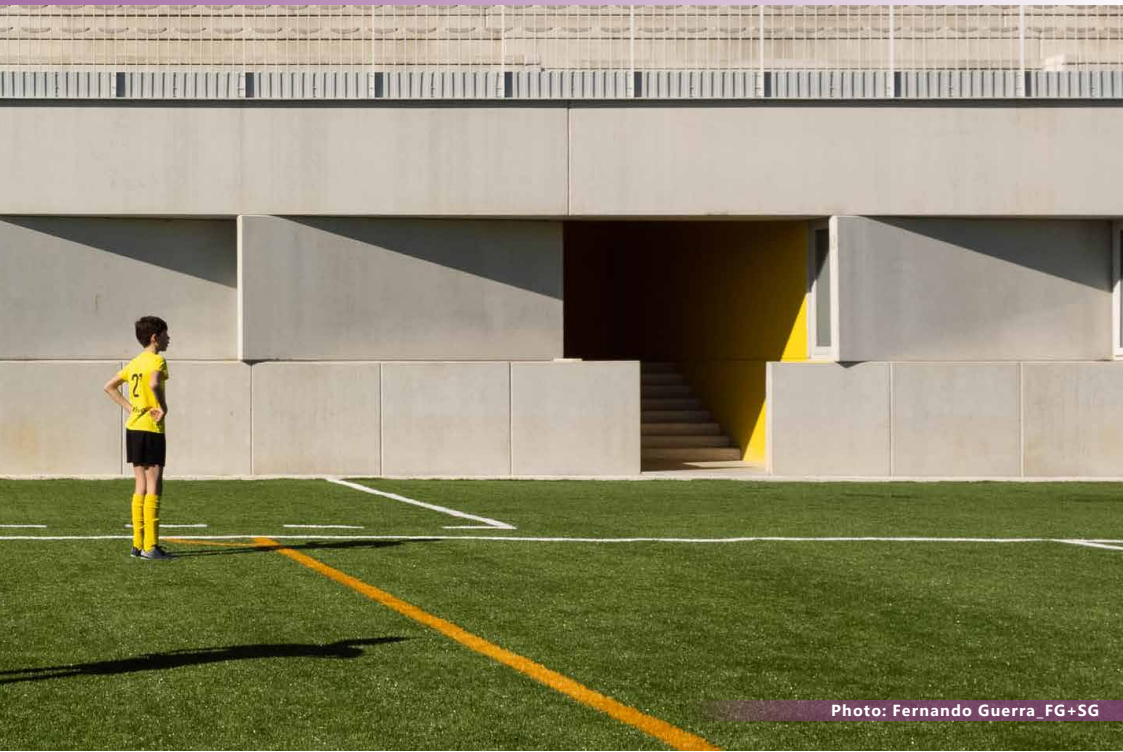


Photo: Fernando Guerra\_FG+SG

## THURSDAY

- 9** 10:30 – 12:00 24  
Socially relevant design:  
A commitment to the community
- 10** 12:00 – 14:00 26  
Planning carbon reduced pools
- 11** 13:30 – 15:00 28  
The challenge of true inclusivity
- 12** 15:30 – 17:00 30  
Enhancing and activating  
the public domain
- 13** 17:00 – 18:00 32  
Happy hour for IAKS members  
and friends

## FRIDAY

- 14** 10:30 – 12:30 34  
Changing the narrative:  
The future of the sports surfaces  
sector

## LOCATION

Congress Centre North of FSB  
at Koelnmesse Fairground



**TUESDAY, 24 OCTOBER, 13:00 – 14:30**

The 2023 IAKS Congress brings together challenges, trends, impact, forward-thinking, and international expertise.

Which are the current developments and trends in the industry? How do megatrends change our society and economy? What do we need to know when making decisions for tomorrow? Which trends will create an impact on us if we like it or not?

Which efforts are made to tackle the major public health issue that is sedentary lifestyles, but also to promote a gender-equal use of schoolyard spaces, attractiveness of town centres, and quality of life in workplaces, after a lockdown period that has profoundly changed people's relation to work?

Inclusive design is one of the areas that demonstrates how a community-based approach can create benefit for the whole society.





## Global challenges and global initiatives

### Welcome and introduction / IAKS Industry Report

Dr. Stefan Kannewischer, IAKS President,  
Switzerland

### The impact of megatrends on the sports business

Marcel Aberle, Zukunftsinstitut, Germany

### Paris 2024 „Move more“ programme

Damien Combredet-Blassel,  
Paris 2024, France

### Access for everybody – Benefits of inclusive design for the whole community tbc

### Moderator:

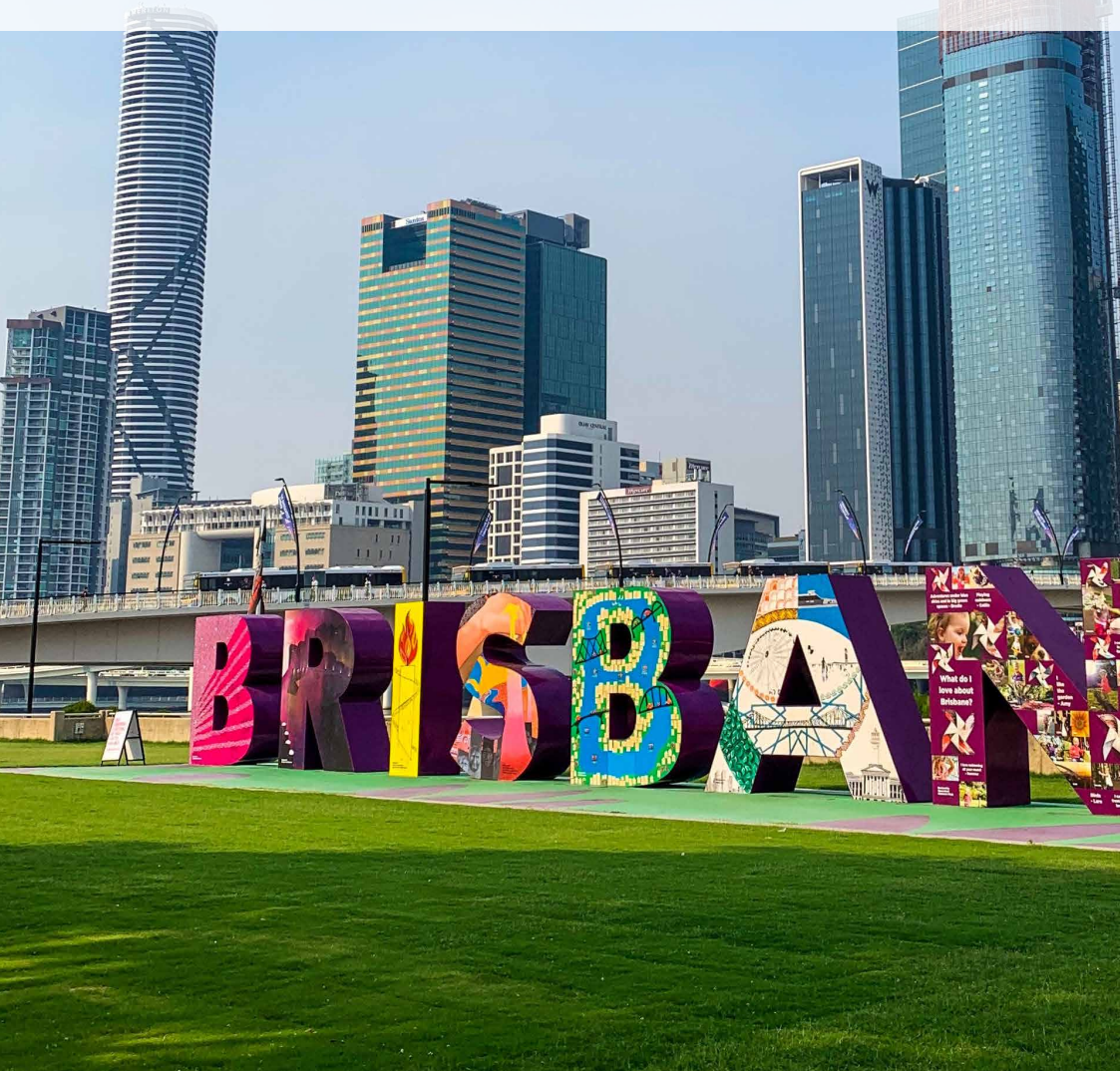
Tom Jones, IAKS Vice President,  
United Kingdom



**TUESDAY, 24 OCTOBER, 15:00 – 16:30**

Australia is one of the most promising markets for the sports and leisure facility industry. Hosting not only the 2032 Brisbane Olympic and Paralympic Games, but also a number of World Championships and World Cups in different sports, this session will introduce the size and complexity of the Australian market, the sectors that it is segmented into, with the challenges around governance, value, and impact on society.

As a special focus, we will look at the approximate 1,300 public aquatic facilities across Australia that are available for public swimming, most of them funded and built by local governments. As many of them are approaching the end of their life, additional research into the state of aquatic facilities and the likely timeframes for their upgrade and replacement nationwide will be presented.





## The activity path to Brisbane 2032 and beyond

*Presentations and discussion with  
the panellists*

### Activating Australia towards Brisbane 2032

Andrew Sly, Deputy Director-General,  
Sport and Recreation & Corporate Services,  
Queensland Government, Australia (tbc)

### The Australian sports and recreation facility market

Martin Sheppard, Smart Connection  
Consultancy, Australia

### The Australian aquatic facility infrastructure

RJ Houston, Royal Life Saving Society,  
Australia

### Active Victoria 2022-2026: Getting Victoria Active through Community Sports Infrastructure Investment

Philip Saikaly, Sport and Recreation Victoria,  
Australia

### Moderator:

Yvette Audet, IAKS Vice President, Australia



TUESDAY, 24 OCTOBER, 17:00 – 18:00





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## Welcome to Australia: Happy hour for IAKS members and friends

Meet & greet at the IAKS booth B001,  
Boulevard North, in front of Hall 8

Photo: IAKS



TUESDAY, 24 OCTOBER, 18:30 – 23:00



# 2019 IOC IPC IAKS Architecture Prizes

## THE WINNERS



## 2023 IOC IPC IAKS Architecture Prizes Ceremony

AND GALA DINNER

This year's award winners will be introduced to the international guests at the 2023 IOC IPC IAKS architecture prizes ceremony. The festive gala dinner takes place on the night of the 24th October 2023 starting with a champagne reception at 5.30 pm.

Representatives of the IOC, IPC and IAKS will present the prizes to the architects and operators of the award-winning facilities in the presence of 200 guests. Who is going to receive one of the much-coveted awards for exemplary architecture?

Be sure not to miss this unique event. Enjoy a festive evening, meet top-notch personalities from the industry, government, sport, and society, and be there at first hand when the winners are announced.





WEDNESDAY, 25 OCTOBER, 10:30 – 12:00

A building's lifespan often exceeds 40 years and more. Especially public buildings need to envision future use. This session will dig deep into the ways that we can change and improve our communities by challenging preconceptions on what is best.

Sustainability, accessibility, inclusiveness, and togetherness need to be targeted at the local level, while not forgetting about the global climate goals. How does this all come together, and which contradictions may occur? Can new architectural approaches nudge sports activities to be more flexible and adaptive? Learn from best practices for big structures for major sporting events as well as for community facilities.



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## Today's design decisions and future-oriented programming

*Presentations and discussion with  
the panellists*

**Sustainable sport facilities – a threat  
or a new opportunity?**

Oliver Vanges, LOA Fonden, Denmark

**No more “White Elephants”!**

**National Athletics Center for the World  
Athletics Championships Budapest 23**

Bernd Helmstadt, Nussli, Switzerland

Prof. Marcel Ferencz, NAPUR Architects,  
Hungary

**Accelerating organizational change and  
connecting community through building  
design: Clayton Community Centre  
and beyond**

Scott Groves, Township of Langley, Canada

**Moderator:**

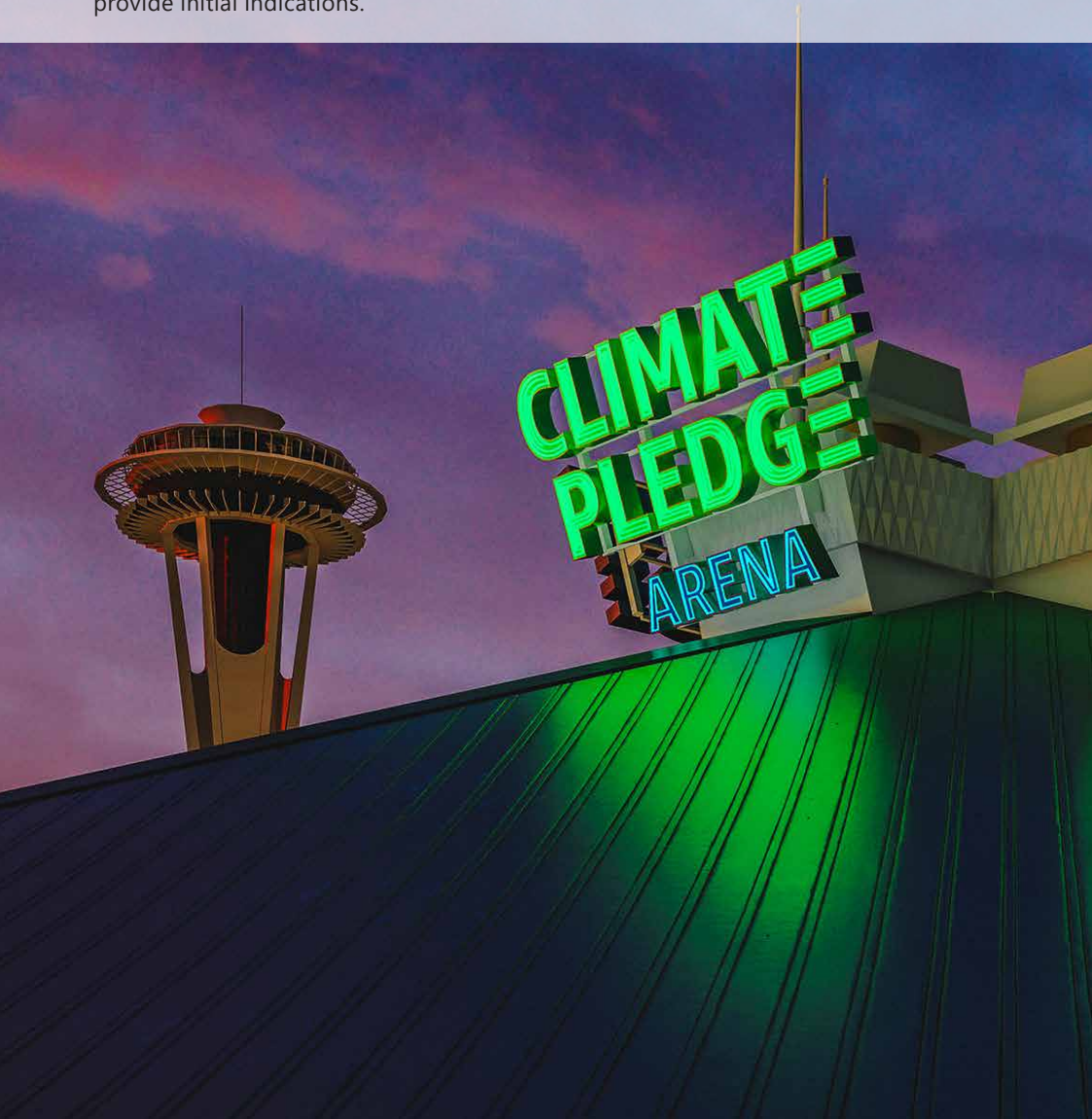
Prof. PhD Benjamin Flowers,  
Knowlton School, USA



WEDNESDAY, 25 OCTOBER, 13:30 – 15:00

Tackling the carbon footprint brings unique challenges to the sports and leisure industry, from high energy consumption to the difficulties in maintaining, re-purposing, and retrofitting existing facilities. Lifecycle carbon assessment studies on aquatics projects as well as energy data gathered from recent post-occupancy studies will show the importance of balancing carbon, cost, and culture over the life of a leisure building.

An important step for every building project is the integration of sustainability requirements into the tendering process. To assess and evaluate the sustainability performance of building products and materials, sustainability systems at product level can provide initial indications.





## Reducing the carbon footprint

*Presentations and discussion with the panellists*

### Minimizing the carbon footprint of sports and leisure buildings

Mike Hall, FaulknerBrowns Architects,  
United Kingdom

### The product passport sustainability

Theresa Rüdiger, TFI – Institute for flooring systems at RWTH Aachen e.V., Germany

### Environmentally sustainable stadium renovation in Strasbourg

NN, Populous

### Moderator:

Prof. PhD Benjamin Flowers,  
Knowlton School, USA



WEDNESDAY, 25 OCTOBER, 15:30 – 18:00







15:30 – 17:00

## IAKS General Assembly

*for IAKS members only*

17:00 – 18:00

## Happy hour for IAKS members and friends

Meet & greet at the IAKS booth B001,  
Boulevard North, in front of Hall 8



WEDNESDAY, 25 OCTOBER, 19:00 – 22:00







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## IAKS Nations' Night

*International networking in casual atmosphere for IAKS members*

Full of impressions after an exciting day at the IAKS Congress and FSB/aquanale trade fairs? Do you want to follow up with your peers on what you have experienced throughout the day? Join us to meet and to enjoy international exchange and networking in a casual atmosphere. The IAKS Nations' Night is an exclusive event for IAKS members.

Location:

Bierhaus en d'r Salzgass, Salzgasse 5-7,  
50667 Köln (old town centre)  
[www.bierhaus-salzgass.de](http://www.bierhaus-salzgass.de)

Bierhaus en d'r Salzgass is a traditional Cologne brewery restaurant, with regional food, Kolsch beer and other beverages. Guests will pay on their own account.

## THURSDAY, 26 OCTOBER, 10:30 – 12:00

Planning a new city district offers huge opportunities, especially if active living is on top of the agenda. Why is an “active city” of value from a developer’s perspective?

Sports buildings are part of public social provision. First and foremost, they should cater for the local community. Which strategies can practitioners apply to guide and evaluate design criteria that define their projects?

And how to consider less physically active groups such as girls with immigrant background? What affects and what motivates them, and what barriers do they experience?



## Socially relevant design: A commitment to the community

*Presentations and discussion with  
the panellists*

### **The community well-being framework**

Marion LaRue, DIALOG, Canada  
Cynthia Watson, VIVO for Healthier  
Generations, Canada

### **The Active City of Hamburg: Goals and master planning for the new "Oberbillwerder" neighbourhood**

Sabine de Buhr, IBA Hamburg, Germany

### **Social inequality related to participation in sports and physical activity: Perspectives of girls with immigrant background**

Lisa Mari Watson, Tverga / The Norwegian  
Resource Centre of self-organized sports,  
Norway

### **Moderator:**

Ola Mattsson, LOA Fonden, Denmark



THURSDAY, 26 OCTOBER, 12:00 – 14:00

Ravelin Sports Centre is the new BREEAM outstanding sports facility for the University of Portsmouth, UK. The architect and the operator will demonstrate how low carbon design and low energy operations can be achieved.

Speakers from science and research will then explain indicators and factors to better understand the most important steps for making pools more sustainable buildings on the way to circularity, as well as look at the influence of the most important building components.





## Planning carbon reduced pools

*Presentations and discussion with the panellists*

### Design and construction of Ravelin Sports Centre

Irina Korneychuk, FaulknerBrowns Architects, United Kingdom

### Operations of Ravelin Sports Centre

Mark Palmer, Max Fordham LLP, United Kingdom

### Indicators for sustainable planning of pools

Prof. Dr Natalie Eßig, Munich University of Applied Sciences, Germany

### Stainless steel: the most sustainable way of building public pools

Prof. Dr Andreas Gerdes, Karlsruhe Institute of Technology, Germany (tbc)  
Romain Duflos, Berndorf Bäderbau, Austria

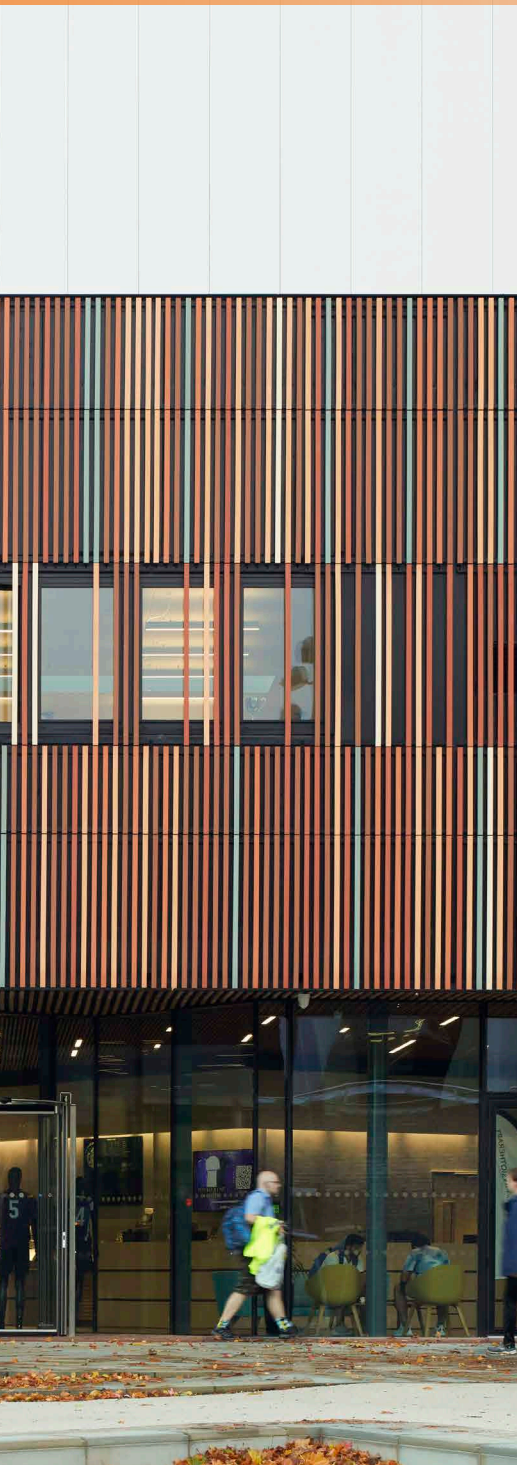
### The key factors to drive swimming pools design along the path of circularity

Innocenzo Pochini, Myrtha Pools, Italy

### Moderator:

Jeanne Ng, MJMA Architecture & Design, Canada

Photo: Richard Chivers



THURSDAY, 26 OCTOBER, 13:30 – 15:00

The conversation about gender equity is not new, and yet the challenges persist and, in some ways, have been exacerbated by the pandemic. Parks and recreation organizations are taking this issue through programming, partnerships, and awareness campaigns. But what are the barriers within the physical environment? And what strategies can be used to overcome them?

The inclusive design outdoor project “Troidhedestien” will be presented as an example on how The Danish Foundation for Culture and Sports Facilities has worked with involving vulnerable groups aiming to sink the barriers of participation in outdoor activities.

Making the design process more accessible to people and inviting more voices to the table shall shape better human connections and help answer the complex and interdependent problems that communities are facing.



## The challenge of true inclusivity

*Presentations and discussion with  
the panellists*

**No time like the present: Optimizing  
recreation facilities for gender equity**

Mary Chow, HDR Architecture Associates,  
Canada

**Consultation and participation process:  
The Danish experience**

Jens Øyås Møller, LOA Fonden, Denmark

**Universal design and its impact on the  
business case: The Canadian experience**

Darryl Condon, HCMA  
Architecture + Design, Canada

**Moderator:**

Gar Holohan, Holohan Group, Ireland



THURSDAY, 26 OCTOBER, 15:30 – 17:00

An active living strategy means multiple efforts at the local level: Putting physical activity at the heart of multisectoral strategies and policies; making it a driving force to impact health and well-being; focus on organised and self-organised sports activities; implementation, and continuous improvement of a system-based approach in the short, medium and long term; and understanding the city as a facilitator of a local dynamic of partnerships and networks, accessibility and inclusiveness.

This session will offer learnings from global active cities from around the world, tools to better understand the impact on the activity level and show best practices of small interventions that can make the difference.



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## Enhancing and activating the public domain

*Presentations and discussion with  
the panellists*

### Learnings from being a Global Active City

André Flatner, City of Fredrikstad, Norway  
Alister Dalrymple, Evaleo, Switzerland

### The power of movement (data)

Ben Jones, ActiveXchange,  
United Kingdom

### Sustainable sports park design and community based active design

Prof. Dr Takanori Fukuoka, Tokyo Univ. of  
Agriculture, Dept. of Landscape Architecture  
Science, Japan

### Completing recreation infrastructure for a better utilization

Leon van Dijk, Team SportBox, Germany

### Moderator:

Shaun Dawson, Lee Valley Regional Park  
Authority, United Kingdom (tbc)





THURSDAY, 26 OCTOBER, 17:00 – 18:00





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## Happy hour for IAKS members and friends

Meet & greet at the IAKS booth B001, Boulevard North, in front of Hall 8

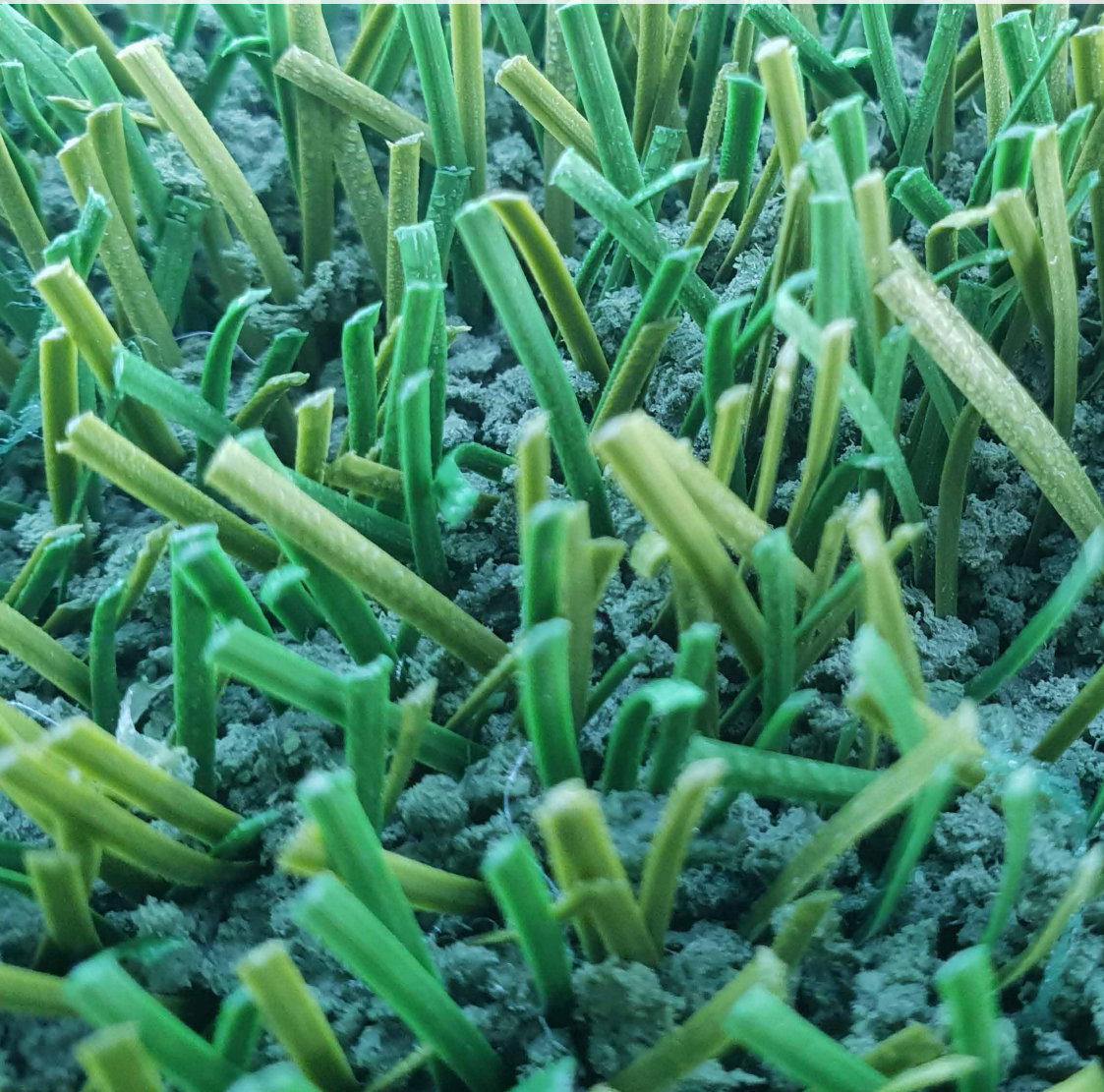
Photo: Uwe Weiser



FRIDAY, 27 OCTOBER, 10:30 – 12:30

Discussing the positive aspects of synthetic sports surfaces is the way for the future. Embracing the negative energy from a small number of interest groups can be changed into positive solutions that can make a difference to the next generation of users, in a safe and environmentally positive manner.

The panel will explore this new industry initiative between IAKS, ESTC (EMEA), STC (America's) and NSC (Asia Pacific), where the four organisations aim to develop a common approach to Changing the Narrative so that the industry can continue good practice globally to counter some of the challenges.





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## Changing the narrative: The future of the sports surfaces sector

*Joint ESTC & IAKS Expert panel*

### Changing the narrative

Martin Sheppard, Smart Connection  
Consultancy, Australia

### The environmental challenges facing the sector

Alastair Cox, ESTC, United Kingdom

### The circular economy strategy

Stefan Diderich, ESTC, Belgium

### Future-proof sports pitches

Bjørn Aas, COWI AS, Norway

### Moderator:

Claus Weberstorfer, Weberstorfer  
Ingenieurbüro, Austria

# SPEAKERS



## **Björn Aas, Norway**

works as a Senior Engineer at COWI and is an expert in ventilation and climate in swimming pools as well as artificial turf. Previously, he was a Senior Engineer at SIAT (Centre for Sports Facilities and Technology) at NTNU (Norwegian University of Science and Technology) and is an active member of the IAKS outdoor sports surfaces expert group.



## **Marcel Aberle, Germany**

his career is characterized by dealing with the different dimensions of innovation. In addition to ten years of experience in the IT industry, the start-up founder is driven by a deep fascination for the trends of our time that are significantly changing our economy and society. The multi-award-winning innovation prizewinner led the Zukunftsinstitut Austria for more than three years. He has a huge passion for sports and already worked for big sports associations.



## **Yvette Audet, Australia**

IAKS Vice President, she has an extensive background in the sport and recreation industry. Over the last two decades she has worked in local government, non-profit, commercial and education sectors. Yvette's professional experiences include aquatic feasibility studies, open space and aquatic master planning, various sports strategies. Yvette has been the Australia and New Zealand Ambassador for IAKS since May 2020.



## **Pdraig Byrne, Ireland**

joined the Aura Holohan Group in 2010 where he heads up the property team. Since graduating in Building Services Engineering from DIT Bolton Street, Pdraig has over 20 years'v experience in the construction industry. He has specialized in energy management and developed the award winning 5-point energy plan which has resulted in over 45 % savings in energy consumption for the group.



### **Mary Chow, Canada**

has spent the last two decades devoted to shaping recreational spaces. She is an advisor and facilitator with the Canadian Parks & Recreation Association's Gender Equity Project and has conducted workshops across Canada. She is a frequent speaker at North American conferences, addressing a range of subjects related to facility design, including the implementation of universal design in spaces and how community engagement is integrated into the architectural process.



### **Damien Combredet-Blassel, France**

is the Director of Impact & Heritage Deputy of the Paris 2024 Organizing Committee and General Delegate of the Paris 2024 Endowment Fund. He leads the Paris 2024 "Move more" programme, intended to promote physical and sporting activity in schools, cities and workplaces, and the Organizing Committee's evaluation process.



### **Darryl Condon, Canada**

Managing Principal at hcma architecture + design, for over 30 years Darryl has been responsible for the delivery of highly-innovative and award-winning sports and recreation facilities across Canada, including the curling venue for the 2010 Vancouver Winter Olympic Games. He currently chairs the Infrastructure and Facilities Task Group of the Canadian Parks and Recreation Association, and is Past-President of the British Columbia Recreation and Parks Association.



### **Alastair Cox, UK**

Facilities and Quality Programme Manager at the International Hockey Federation, advising on all aspects of facilities infrastructure and hockey equipment. He also provides technical support to the England Netball, European Synthetic Turf Organisation (ESTO) and the UK's Sport and Play Construction Association (SAPCA). Alastair chairs the European Standards working groups dealing with standards for outdoor sports surfaces and test methods for sports surfaces.



# SPEAKERS



## **Sabine de Buhr, Germany**

Dipl. Ing. for Urban Development und Urban Planning, has been employed by IBA Hamburg GmbH since 2017 in the position of Urban Development Manager and Member of the Executive Board. IAB Hamburg was transferred to a municipal project development company after the conclusion of the International Building Exhibition in 2013. IBA Hamburg is currently responsible for holistic neighbourhood development.



## **Stefan Diderich, Belgium**

Director General/CEO, ESTC – EMEA Synthetic Turf Council, he holds a Master's degree in business economics with a specialization in sales and marketing. He has over 15 years experience in sales and marketing in the international synthetic turf industry. With the support of a Technical Director, Operational Director and Communications Director, he advises the ESTC on how to fulfil its mandate of being the Voice of the Synthetic Turf Industry within the EMEA region.



## **Romain Duflos, France**

After 10 years working in Central and Eastern Europe for the second largest French Energy Company, he has worked five years in Shanghai as a consultant for diverse industries among which construction material and building companies. Three years ago, he started working at Berndorf Bäderbau for the development of stainless-steel pools mainly in the public sector in France and Belgium, working with municipalities, architects, and engineering companies.



## **Marcel Ferencz, Hungary**

Prof. Habil, DLA is an Ybl and Pro-Architectura award winning Architect and full Member of the Hungarian Academy of Arts (MMA). He is also the owner and Executive Director of NAPUR Architect.



## **André Flatner, Norway**

works as Agency Manager for Active Lives at the City of Fredrikstad. His department is responsible for: overall strategic planning and development, and building of facilities, which gives their citizens possibilities to engage in organized and self-organized sports, outdoor activities, daily physical activity and urban active possibilities. They manage public fundings, and initiates programmes in accordance to overall strategic goals.



## **Benjamin Flowers, USA**

is a Professor of Architecture and the Associate Director of the Knowlton School. Prior to joining the Knowlton School in 2019, he was a Professor of Architecture in the College of Design at the Georgia Institute of Technology. He is the author of several books and also the editor of *Architecture in an Age of Uncertainty*, examination of the political economy of architecture during the 2008 global recession.



## **Prof. Dr. Takanori Fukuoka, Japan**

is an associate professor at Tokyo University of Agriculture, Dept. of Landscape Architecture Science where he teaches landscape and urban design. Prior to current position, he worked all over the world as Landscape Architect where he designed and managed various scale of landscape design projects. He is currently a vice delegate of IAKS Japan, and IFLA (International Federation of Landscape Architects) Japan.



## **Scott Groves, Canada**

is Director, Corporate Projects for the Township of Langley in British Columbia, Canada, responsible for planning, design, and construction of facilities and parks. His passion for making better facilities and parks to serve the communities he serves has resulted in challenging owners, operators, and designers to deal with sustainability, accessibility, and inclusion beyond previous best practice levels.

# SPEAKERS



## **Mike Hall, UK**

a partner at FaulknerBrowns Architects, he leads an international sport and leisure team with experience ranging from community leisure facilities to Olympic venues and major stadiums. His passion for sustainable, active infrastructure has driven FaulknerBrowns' environmental strategy and research into the embodied and operational carbon impact of sports and leisure buildings. Mike is also a member of the IAKS International Expert Aquatics Circle.



## **Bernd Helmstadt, Switzerland**

has worked at the NUSSLI Group for more than 30 years. In his role as Director of Business Development, and with his extensive experience of providing temporary infrastructures, he is involved in many major projects worldwide. Beyond constructing various temporary solutions for sporting, cultural, and business events, he has also completed numerous national and international stadium projects of different sizes and designs.



## **Gar Holohan, Ireland**

is the Founder and Chairman of the Aura Holohan Group who operate eleven public aquatic centres and a chain of private fitness gyms in Ireland. He sits on the board of the International Union of Architects (UIA) Work Program for Sport & Leisure, and is a member of the IAKS Swimming Pool Expert Circle.



## **RJ Houston, Australia**

is the General Manager of Capability & Industry at Royal Life Saving Society. RJ's role at Royal Life Saving focusses on industry development and capability, bringing industry, community, and government organisations together to develop joint strategies and guidance, as well as advocating the industry's impact and importance. RJ has worked in aquatics for 18 years across local government, non-profits, aquatic facility management organisations and peak bodies.





**Ben Jones, UK**

UK Director at ActiveXchange, he leads the organisation's work across UK and Europe, as well as working closely with colleagues across Australasia and North America on strategy and company culture. With more than 20 years of experience working in sport and physical activity across the public, private, and voluntary & community sectors, Ben has a deep understanding of working with complexity, as well as system-based approaches to inequality reduction.



**Tom Jones, UK**

is a Senior Principal in the London office of Populous and has a keen interest in how sports buildings and events can enhance cities and communities. Tom has a great passion for sport and has been able to use this in the design and delivery of a number of high-profile projects around the world, including the new Tottenham Hotspur Stadium, Emirates Stadium for Arsenal FC and the Olympic Stadium for the London 2012 Olympic Games.



**Dr Stefan Kannewischer, Switzerland**

Managing Director of the Swiss family business Kannewischer Management AG that is since 1972 a specialist in consulting, technical design and operations of public swimming pools and thermal spas. Kannewischer Collection operates six thermal spas in Germany. Stefan became President of IAKS Switzerland in 2009 and since 2015 he is President of IAKS worldwide. In 2017, he was appointed to the IOC Sustainability and Legacy Commission.



**Irina Korneychuk, UK**

is a key member of FaulknerBrowns Architects' sports team and is experienced in leading the design and delivery of high-profile leisure and education projects. She is particularly interested in reducing the energy consumption of sports facilities and challenging traditional operational models. Irina has also participated in the IAKS expert circle on sports halls and is a keen advocate for using active design principles, to promote healthy lifestyles and stronger communities.

# SPEAKERS



## **Marion LaRue, Canada**

is an Architect and Partner at DIALOG Design. She was instrumental in the development of the Community Well Being Framework, focuses on sports architecture and is committed to the advancement of women in architecture. She is the lead architect for VIVO for Healthier Generations.



## **Ola Mattsson, Denmark**

is a development consultant for the Danish Foundation for Culture and Sports in the area of team sports. He has considerable experience of advising governmental agencies, municipalities, and sport clubs, and of consulting with architects and other specialists to provide innovative, creative meeting places for the leisure pursuits of the future. Ola Mattsson sits on the board for IAKS Nordic.



## **Jeanne Ng, Canada**

Senior Principal at MJMA, she has been instrumental in furthering the firm's architecture and community engagement goals since 1997. Jeanne has played an integral role in over a dozen of community recreation projects, including the Regent Park Aquatic Centre and Western North York Community Centre. Her depth of experience with aquatic centres, athletic venues and master planning for recreation gives her a unique understanding of user groups' differing needs within a facility.



## **Jens Oyas Moller, Denmark**

is a development consultant at The Danish Foundation for Culture and Sports Facilities, working mainly on innovative outdoor and pool facilities. He has a master's degree in physical education & health science, and he has worked with development of facilities for many years, both on strategic and practical level. He is also a passionate outdoor user and former outdoor educator. He is a member of both the IAKS Pool and IAKS Nature activity area Expert Circles.



## Marc Palmer, UK

is a Director of Engineering and the Sports Sector Leader at Max Fordham. For nearly 30 years he has been designing high-performance, sustainable sports buildings for universities, local authorities, and major events. Recently he has completed Ravelin Sports Centre, one of the UK's most sustainable ultra-low energy sports centres with a BREEAM 'Outstanding' rating. Mark is also a member of the UK Net Zero Carbon Buildings Standard group for Sport & Leisure.



## Innocenzo Pochini, Italy

is the Technical R&D Director at Myrtha Pools. Based in Italy, Innocenzo is also the Sustainability Manager of the company. Prior to his work with Myrtha Pools, he was a technical manager in the automotive safety sector, dealing with the highest quality standards of OEMs all over the world. He graduated from Federico II University in Naples-Italy, with a degree in mechanical engineering, spec. in polymers and materials technology.



## Theresa Rüdiger, Germany

studied environmental engineering at RWTH Aachen University and then pursued her interest in material ecology, life cycle assessment and recyclability as a project manager in the field of sustainability certification of buildings. As a DGNB consultant, her professional path led her to TFI Aachen, where she is responsible for the Sustainability Product Passport.



## Philip Saikaly, Australia

has almost 25 years' experience in planning and delivering community sports infrastructure, mostly with Sport and Recreation Victoria in the Victorian Government and has overseen infrastructure investment of over \$1.5 billion over the past decade, in partnership with local governments and sporting organisations. He is nationally recognised for driving world-leading public policy to ensure more people secure the health, social and economic benefits of participation.



# SPEAKERS



## **Martin Sheppard, Australia**

Managing Director, Smart Connection Consultancy, has over 40 years of experience in the sport and leisure industry and provides extensive sports management, programming, planning knowledge and insights into the design, procurement, management and maintenance of sports fields and facilities. He is the Chair of IAKS Expert Circle on Sports Surfaces and currently the Technical Consultant for Football Australia, the NRL, Rugby Australia and Hockey Australia.



## **Leon van Dijk, Germany**

is one of the founders and a managing director of app and move GmbH, that produces and operates SportBox – a sharing concept for sports equipment in public spaces. He is a product designer by education and entrepreneur by heart. Leon has worked in different countries taking inspiration from the way public spaces and society create enjoyable living spaces. Passioned by sports and innovation he tries to make the world a little cooler by democratizing access to sport equipment.



## **Oliver Vanges, Denmark**

is a development consultant at The Danish Foundation for Culture and Sports Facilities in the area of team sports. With over 15 years of profession, he has a wide variety of successful projects behind him. He has considerable experience with advising clients, local active groups and clubs, and consulting architects and other specialists to provide innovative, creative meeting places for leisure pursuits of the present and the future.



## **Cynthia Watson, Canada**

is a Chief Executive Officer of Vivo for Healthier Generations. She leads a non-profit team trying to improve the health and wellbeing of all their constituents. She is a Member of the Board of Directors for Parks Foundation Calgary and Co-chair of ActiveCity Collective. Through her leadership Vivo is pioneering local solutions to Canada's national challenge of sedentary behaviour and physical inactivity.



**Lisa Mari Watson, Norway**

Managing Director of Tverga, The Norwegian Resource Centre of self-organized sports. Experienced executive officer with a demonstrated history of working in sports. Skilled speaker and narrator with a passion for social equality and a more inclusive sports industry.



**Claus Weberstorfer, Austria**

Started his professional career as energy consultant and key account manager in international sales with several large companies, among them NEVEON. Sport is a key topic both in his professional and private life. In 2011, he founded his engineering firm with focus on coaching and presentations. Claus is IAKS Austria Vice President and Treasurer and sits on the board of the IAKS Expert Circle Outdoor Sports Surfaces.

# TICKETS / PARTNERS

All congress tickets include entry for the international trade shows FSB and aquanale.

Early bird tickets - available until 15 September 2023

1-day Congress ticket	24. Oct.	25. Oct.	26. Oct.	27. Oct.
IAKS members, NGOs, public authorities	125 EUR	125 EUR	180 EUR	65 EUR
Others	185 EUR	185 EUR	265 EUR	95 EUR

4-day Congress ticket

IAKS members, NGOs, public authorities	340 EUR
Others	510 EUR

2023 IOC IPC IAKS Architecture Prizes Ceremony with gala dinner

IAKS members	96 EUR
Others	120 EUR

Information and tickets: [www.iaks.sport/congress](http://www.iaks.sport/congress)

## PARTNERS





## Congress Centre North of Koelnmesse

Messeplatz 1  
 Entrance North  
 50679 Köln-Deutz (Germany)

## Congress language

Presentations and discussions  
 (conference language: English with simultaneous translation into German)

## IAKS

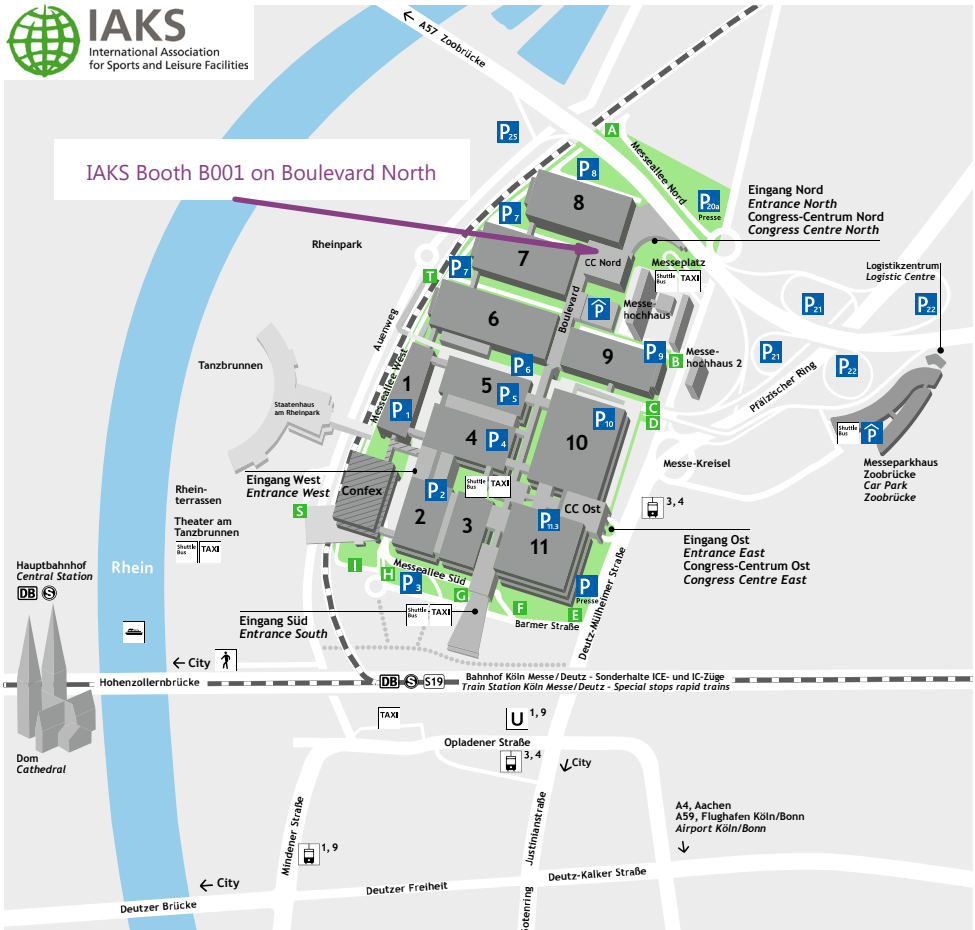
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 www.iaks.sport

## Congress Rooms

Konrad-Adenauer-Saal and Rheinsaal



### IAKS Booth B001 on Boulevard North





# IAKS

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aquanale

Photo: FSB