

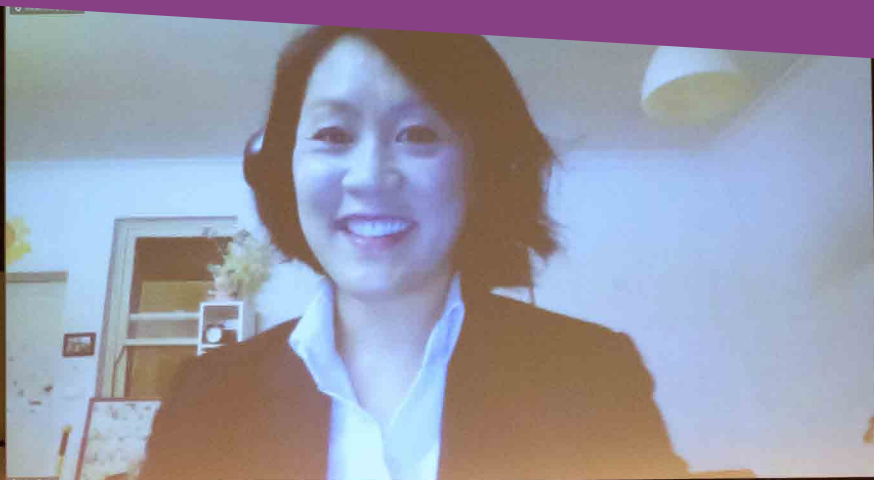


IAKS

International Association
for Sports and Leisure Facilities

CONGRESS PROGRAMME

BUILDING RESILIENT COMMUNITIES THROUGH SPORTS AND LEISURE FACILITIES



PATRONS



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OLYMPIC
COMMITTEE



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28th IAKS Congress

The world's leading international forum on the planning,
building and management 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



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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



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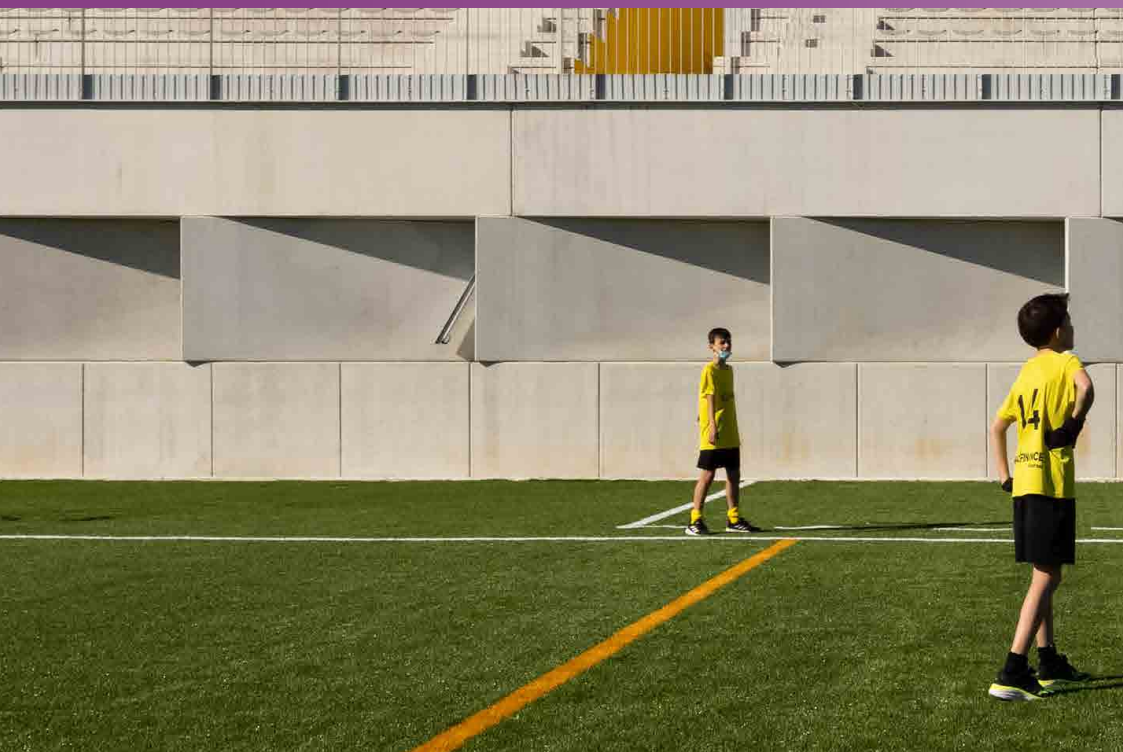
Use the knowledge of our worldwide network!



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



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.



1

Global challenges and global initiatives

Welcome and introduction / IAKS Trends Report

Dr. Stefan Kannevischer, 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

Jennifer Camulli, Direct Access, UAE

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

The Australian sports and recreation facility market

Martin Sheppard, Smart Connection
Consultancy, Australia

Designing for women sports: Don't segment us, include us!

Irina Akhmanova, Populous, Singapore

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

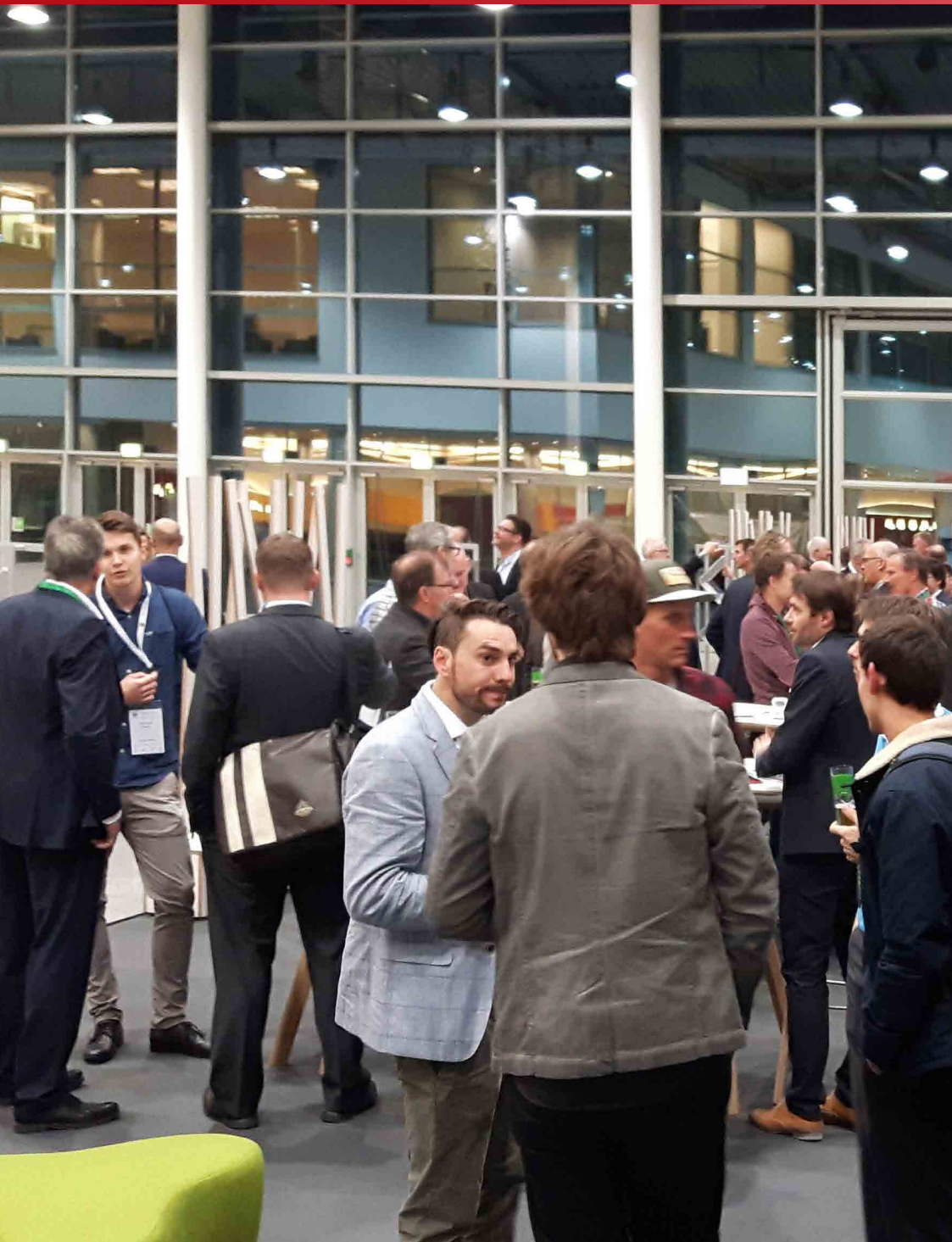
Moderator:

Yvette Audet, IAKS Vice President, Australia

Photo: Mrt Ziolk



TUESDAY, 24 OCTOBER, 17:00 – 18:00





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



2023 IOC IPC IAKS Architecture Prize Ceremony

AND GALA DINNER

This year's award winners will be introduced to the international guests at the 2023 IOC IPC IAKS architecture prize 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.



5

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

**The FIBA Venue Guide: Fostering quality,
innovation, technology, and sustainability
in basketball facilities**

Jasmine Long, FIBA, Switzerland

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

Scott Groves, Township of Langley, Canada

Moderator:

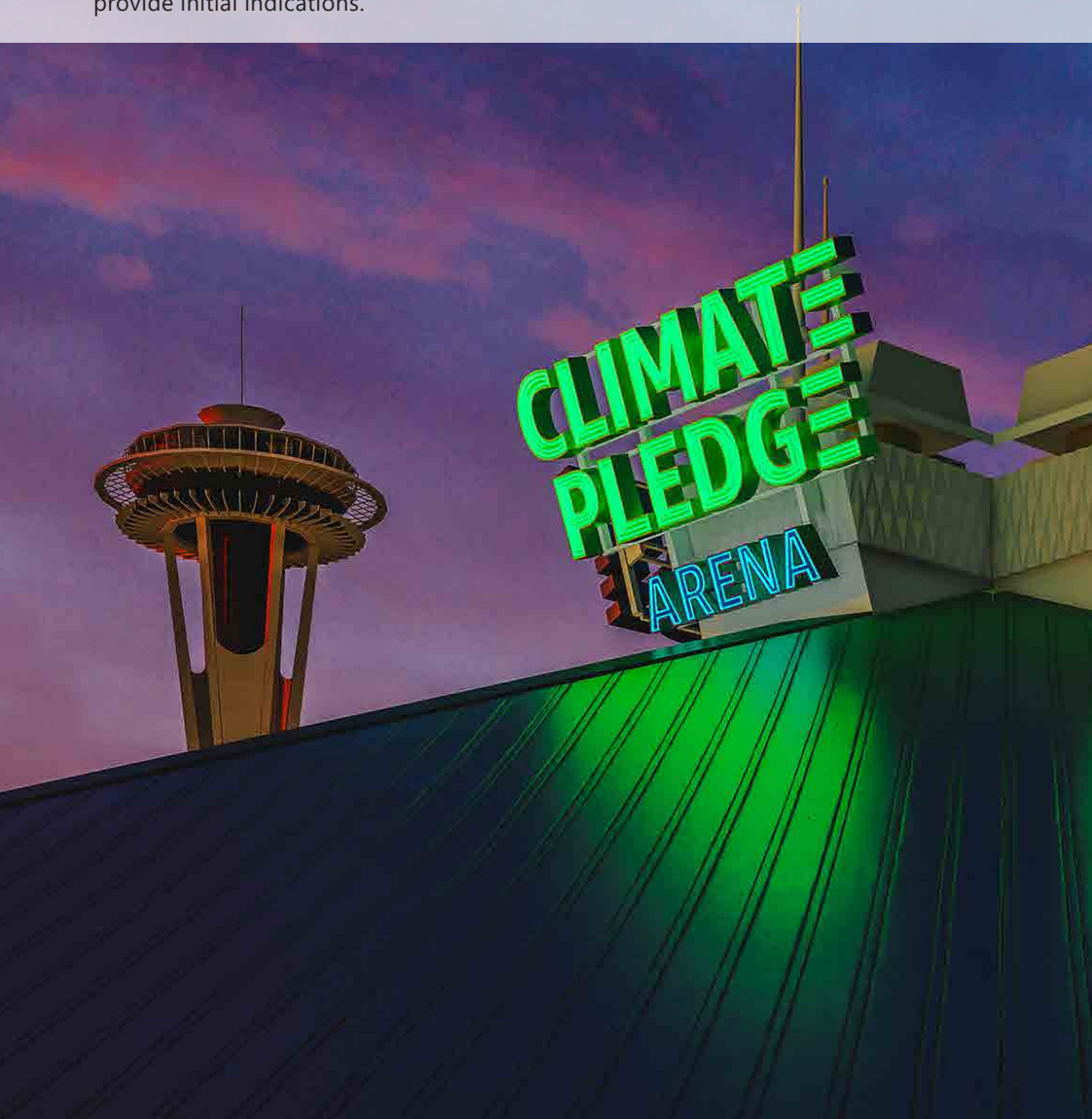
Prof. PhD Benjamin Flowers,
Knowlton School, USA

Photo: Ema Peter

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

Circular economy and upcycle strategies in large-scale envelopes

David Jarratt, Populous, United Kingdom

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





8

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

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.

Photo: Dieter Jacobi

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

Moritz Vahldiek, 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

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

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 “Trolldhedestien” 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.



11

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.



12

Enhancing and activating the public domain

*Presentations and discussion with
the panellists*

Learnings from being a Global Active City

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

THURSDAY, 26 OCTOBER, 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

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.



14

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

KG2021 – a project on future synthetic surfaces

Bjørn Aas, COWI, 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 Zukunfts-institut Austria for more than three years. He has a huge passion for sports and already worked for big sports associations.



Irina Akhmanova, Singapore

is a Senior Architectural Designer with over 19 years' experience in sport stadiums, arenas, multi-functional complexes, ice hockey arenas, and sports parks. She develops solutions to optimise planning decisions and technological processes to increase the investment and operational attractiveness of the building, in accordance with the regulations, rules and requirements of international sports federations, including FIFA, FISU, IAAF, IIHF and KHL.



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.



Dr. Jennifer Camulli

senior accessibility consultant with Direct Access, she brings 30 years of experience working in the field of accessibility and inclusion. She worked at Expo 2020 Dubai, advancing the Accessibility and Inclusion strategy to ensure the built and digital environments were accessible for all people with access needs. Jennifer serves on the advisory board for Team AngelWolf, a non-profit organisation that organises, participates in, and promotes inclusive sports.



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.

SPEAKERS



Alastair Cox, UK

Facilities and Quality Programme Manager at the International Hockey Federation, advising on all aspects of facilities infra-structure 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.



Alister Dalrymple, Switzerland

After an international professional career largely devoted to standardisation, science and methodologies for Conformity Assessment, Alister Dalrymple has been working for the last six years with the EVALEO association, as Director of Strategic Development, and more recently as Secretary General. He has contributed to various European and international programmes such as "Global Active Cities" certification, "FISU Healthy Campus" label, "Workplace Active Certification", and PActe+.



Shaun Dawson, UK

leads the award winning Lee Valley Regional Park Authority. The Regional Park consists of sport and leisure venues along with country parks and nature reserves and attracts 7 million visitors a year. He has been involved in the London 2012 Olympic project from bid stage in 2003 to now leading the organisation which has guaranteed the future of three world class London 2012 legacy venues: Lee Valley White Water Centre; Lee Valley VeloPark; Lee Valley Hockey & Tennis Centre.



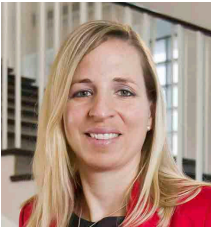
Stefan Diderich, Belgium

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.



Prof. Dr. Natalie EBig, Germany

holds as a full Professor the Chair for Sustainable Building at the Munich University of Applied Sciences and is founder of the Institute BiRN GmbH. She has a long experience in sustainability of buildings with the focus on sport facilities. Furthermore, she is part of the scientific advisory board of the Federal Institute for Sports Sciences (BiSP) and of the expert group "Future Buildings" of the Federal Ministry of Housing, Urban Development and Construction (BMWSB).



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.



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.

SPEAKERS



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.



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.



David Jarratt, UK

leads Sustainability Design for Populous in the EMEA region. With two decades of global sustainability leadership, he excels in formulating and executing long-term strategies. David actively leads teams in innovative design implementation, maximising benefits for all stakeholders, including investors, asset owners, building users, and facilities managers. His commitment to staying at the forefront of the industry ensures that his projects deliver innovative and sustainable outcomes.



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.

SPEAKERS



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.



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.



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.



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.



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.

SPEAKERS



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.



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.



Moritz Vahldiek, Germany

project manager for Oberbillwerder district development at IBA Hamburg. Apart from the zoning plan, he deals with the various conceptual aspects of sustainable urban development. This includes creating a model-district for the City of Hamburg's „Active-City“-Strategy by promoting movement, sports and exercise within the daily life of Oberbillwerder's future inhabitants. IBA Hamburg explores innovative approaches to an „Active City“ within all fields of district development.



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.



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.

SPEAKERS



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.



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.



Photo: Hieronymus Caspar



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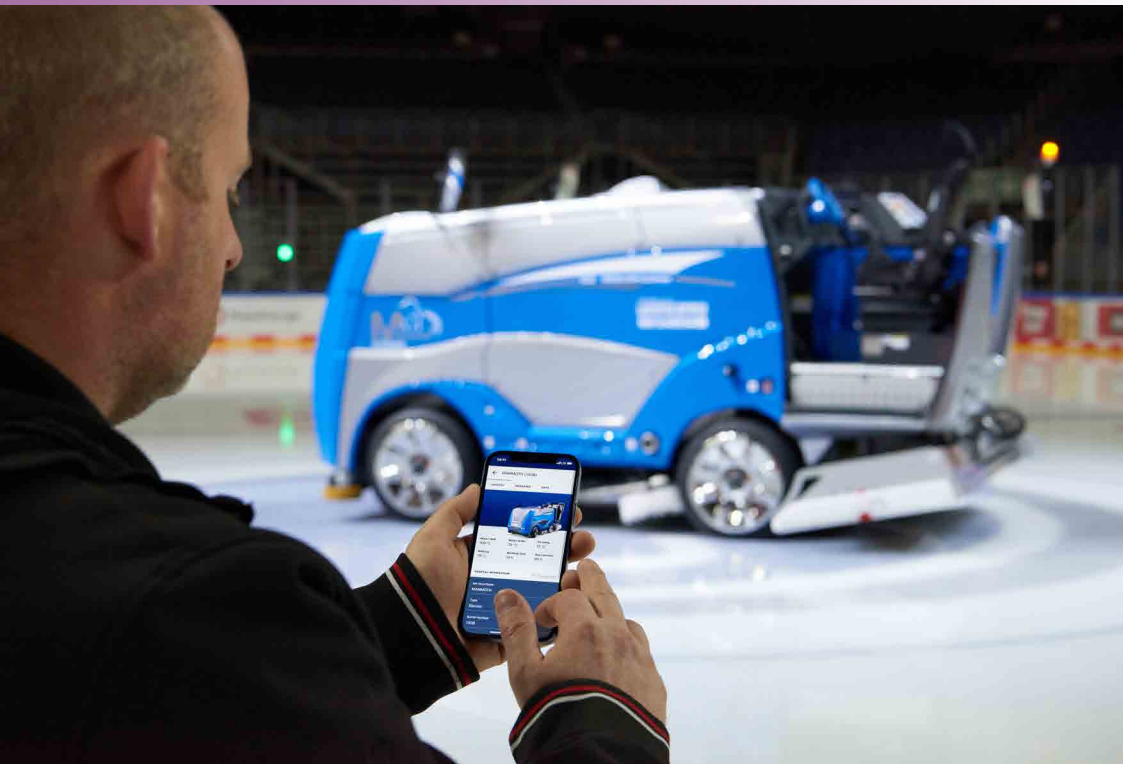
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WM TECHNIKS TURNS VISIONS INTO REALITY TODAY

WM Techniks, the pioneers of ice maintenance from South Tyrol, Italy, once again demonstrate their knack for innovation in the name of sustainability. With the Mammoth Autopilot 3D, WM Techniks introduces a product – and a vision for the future: The Autopilot ensures high-quality ice maintenance without a driver. Thanks to an integrated laser levelling system, it also automatically and precisely regulates the ice thickness, providing top-notch ice quality and significant energy savings.

But at WM Techniks, it's not all about technology. The company also has the "Ice Master" in mind. The autopilot of the Mammoth Autopilot 3D greatly enhances user-friendliness, can be monitored safely, and is easily controlled via an app. This is a response to the shortage of skilled workers, providing a solution that both relieves professionals and reduces their required qualifications.



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FSB booth
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TICKETS / PARTNERS

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

1-day Congress ticket	24. Oct.	25. Oct.	26. Oct.	27. Oct.
IAKS members, NGOs, public authorities	155 EUR	155 EUR	220 EUR	70 EUR
Others	230 EUR	230 EUR	325 EUR	105 EUR

4-day Congress ticket

IAKS members, NGOs, public authorities	415 EUR
Others	625 EUR

2023 IOC IPC IAKS Architecture Prizes Ceremony with gala dinner

IAKS members	120 EUR
Others	150 EUR

Information and tickets: www.iaks.sport/congress

PARTNERS



LOCATION

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)

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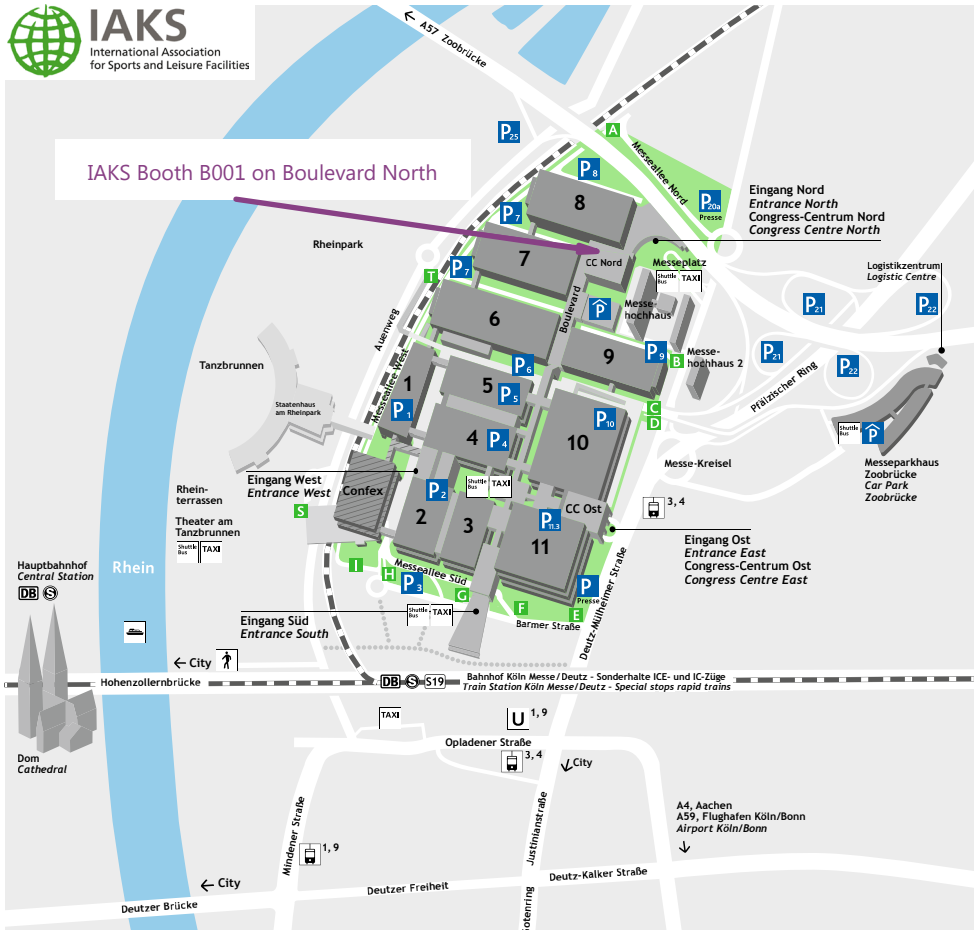
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Congress Rooms

Konrad-Adenauer-Saal and Rheinsaal



IAKS Booth B001 on Boulevard North





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Photo: FSB

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