



IAKS

International Association
for Sports and Leisure Facilities



The International Association for Sports and Leisure Facilities supports the Sustainable Development Goals

DEVELOPING HEALTHY AND SUSTAINABLE COMMUNITIES



© Brett Hitchins

27th IAKS Congress

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

26-29 Oct 2021, Cologne, Germany

WELCOME



IAKS

International Association
for Sports and Leisure Facilities

**Members and Friends of IAKS,
Congress Participants,**

This year, FSB and the IAKS Congress will be of special significance.

Sports and leisure facilities have remained largely closed during the COVID-19 pandemic, presenting totally new challenges. During this period, sport and exercise, if possible at all, have been restricted to personal exercise in public spaces or at home.

Gatherings for the exchange of expertise have also been transferred online. FSB and the IAKS Congress 2021 will be the first major physical events in our industry – and this is why we are all very much looking forward to meeting you directly in person.

Much has ground to a halt in the pandemic, but the challenge of sustainability, already omnipresent before the pandemic, certainly has not. That is why we are devoting ourselves this year to the fostering of healthy and sustainable communities. People's health and the physical activity that goes with it have been brought into even sharper focus by the pandemic, but so have the vitality and resilience of our society and economy.

PATRONAGE



INTERNATIONAL
OLYMPIC
COMMITTEE



**INTERNATIONAL
PARALYMPIC
COMMITTEE**

Moreover, there has been no let-up in climate change due to the pandemic. The environmental challenges are huge and the road to carbon neutrality is rocky. At the IAKS Congress, we will therefore take an integrated look at sustainability and illuminate it in all its facets.

The IOC IPC IAKS Architecture Awards will also provide exciting insights. Be sure not to miss the prize-giving ceremony at the Awards Gala on Tuesday, 26 October! This is when we shall celebrate our industry's most innovative ideas and their originators.

And if you are unable to travel to Cologne for the world's leading industry events for sports and leisure facilities, you can simply participate online. For the first time, we will be staging the IAKS Congress as a hybrid event and making it even more global.

All this would not be possible without the many years of fruitful cooperation with able partners. I should like to express my sincere thanks to the IOC, IPC, Koelnmesse, GAISF and the German Ministry of the Interior for their loyalty and support.

I look forward very much to meeting you in person in Cologne!

Best regards

Dr Stefan Kannewischer, IAKS President



TUESDAY

14

10:30 – 12:00 h

Addressing the global climate challenge

13:30 – 15:00 h

Innovation to foster ecological sustainability

15:30 – 17:00 h

Zeroing in on Net Zero

18:30 – 23:00 h

2021 IOC IPC IAKS
Architecture Prizes Ceremony

2

WEDNESDAY

22

10:30 – 12:00 h

Social sustainability:
Recreation facilities for All

13:30 – 15:00 h

Innovative models to foster new
thinking in recreation facilities



Photo: Brett Hitchins

THURSDAY

26

10:30 – 12:00 h

Economic challenges and operational improvements; digitalization and future trends

13:30 – 15:00 h

The impact of Covid-19 on design and operations

15:30 – 17:00 h

Arenas and sports halls:
New success models

FRIDAY

32

10:15 – 11:45 h

The future of synthetic turf

12:15 – 13:45 h

Ice as a tool for supporting active urban and community experiences



500 participants
40 nations
International information exchange

4 days 11 events
Presentations and discussions
(conference language: English with simultaneous translation into German)
Staged in a hybrid format for the first time.

Industry meeting
The IAKS Congress will take place together with FSB 2021 – the leading international trade fair for public space, sports and leisure facilities!

More than 40 speakers
IOC, TAFISA, United Nations, Lee Valley Park Authorities, GAME, LOA Fonden...

Innovation
Expert knowledge from renowned architectural firms such as Faulkner-Browns, HCMA, IDOM, MJMA, Otium, Populous,...

Tradition
Since 1969 the center for the exchange of new approaches and strategies. More than 50 years of knowledge and insights for design, construction and management of sports and leisure facilities.



Photo: Keinicke & Overgaard Architects

Meet international experts sharing their experiences on making communities places of active living. Get to know best practice examples to tackle the challenges of climate change. Ecological, economic and social sustainability needs to be addressed in an integral way.

IAKS is proudly hosting the 27th edition of this outstanding knowledge sharing event.

IAKS is the leading global non-profit organisation for professionals from the sports, leisure and recreation facilities industry. Since 1965, IAKS has been enabling international networking for the exchange of planning, design and operational expertise.

Together with FSB – the leading international trade fair for public space, sports and leisure facilities!





Dear participants,

The International Olympic Committee is honoured to once again give patronage to the IAKS Congress. The focus of this year on “Integral Sustainability” highlights our shared commitment to sustainability. While the coronavirus pandemic has dominated the headlines, other urgent issues like climate change have not disappeared. The pandemic only underlines the central importance of sustainability at all levels of society. Sport too depends on a healthy planet and has the responsibility to contribute to global sustainability efforts.

The coronavirus crisis has also highlighted the essential role of sport in society. In fact, a recent resolution adopted by consensus by all United Nations Member States specifically calls for sport to be included in national recovery programmes, while reaffirming the role of sport as an accelerator of sustainable development and healthy living.

In this context, the IAKS Congress is a timely opportunity to advance sustainability in sport and leisure facilities while also contributing to our shared goal of promoting active and healthy societies.

As the role of sport continues to grow, the IOC is happy to have such a reliable partner like IAKS on our side. In this spirit, I wish you fruitful discussions and a successful IAKS Congress 2021.

Yours
Dr Thomas Bach
IOC President



**INTERNATIONAL
PARALYMPIC
COMMITTEE**



Dear friends,

At the IPC we are proud of our long-term patronage of the IAKS Congress and, as a passionate supporter of the UN's 2030 Agenda, we are delighted that our activities advance 11 of the 17 Sustainable Development Goals.

In organising the Paralympic Games, we work with host cities and countries to ensure they also embrace the sustainability agenda. Working alongside the IOC, this has meant in recent years a greater focus on the use of existing venues as opposed to the development of new infrastructure.

Accessibility is fundamental to integral sustainability and such is the importance the IPC places on accessibility, that in late 2020 we published a new version of our Accessibility Guide. Developed with the support of several global accessibility experts, the guide supports the planning and delivery of Olympic and Paralympic Games, as well as other events to promote inclusion.

The new IPC Accessibility Guide which is available at www.paralympic.org will further progress the great work that is being done in the Paralympic Movement and will support the IPC's vision to make for a more inclusive world through Para Sport. I believe it is essential reading for all.

Enjoy this year's IAKS congress.

Yours
Andrew Parsons
IPC President



Dear participants,

On behalf of the entire GAISF team, I would like to congratulate the International Association for Sports and Leisure Facilities (IAKS) on holding its 27th Congress in the attractive city of Cologne.

It is my honour and privilege to act as patron of this successful, international event where innovative ideas can be shared and partnerships forged.

I believe that the focus of IAKS on integral sustainability is of paramount importance when designing sports and leisure infrastructures. As such IAKS performs a key role, leading by example in the design and construction of new sports facilities that take responsibility for the future of our planet.

Sustainability is of great importance to GAISF, with our own focus on the GAISF Sustainability Award, which aims to showcase the innovative sustainability projects of International Sports Federations. We therefore fully support IAKS in their approach to integral sustainability.

It is my hope that the 27th Congress will serve as a platform for inspiring pioneering ideas, providing answers to some of the challenges faced by International Federations, and I hope to see many of them materialise over the coming years.

Yours

Dr Raffaele Chiulli
GAISF President



Federal Ministry
of the Interior, Building
and Community



Dear participants,

As the Federal Minister of the Interior, Building and Community, I have continued the tradition cultivated by my ministry since 1969 and am delighted to act as the patron of the 27th IAKS Congress. I would like to express my appreciation of IAKS's commitment to good sports and exercise facilities, which has spanned more than five decades.

Sports policy of the Federal Ministry of the Interior, Building and Community, the arm of the Federal Government responsible for elite sport, is guided by an awareness of the value of sport. Germany's top athletes can only hold their own internationally if they have facilities for training and competition that meet the highest international standards. Promoting the construction of sports facilities for elite sport to the tune of some EUR 20 million annually is therefore one of the priorities of the Federal Government's sports funding programme.

Alongside elite sport, I am also keenly committed to grassroots sport. To specifically address the backlog of sports facility refurbishment, I have relaunched the "Golden Plan". To fund the upgrade of sports facilities for mass sport, the Federal Government made EUR 150 million available in 2020, with EUR 110 million to follow in 2021. The Golden Plan is scheduled to continue until 2024 with a further EUR 380 million of federal financial assistance.

As the minister also responsible for building and community, it is important to me both to promote sports facilities as part of local social infrastructure and to use them to enhance social cohesion and integration and public health.

I should like to thank IAKS for organising the congress and wish all participants a fruitful time at the congress and the FSB trade fair much success.

Yours

Horst Seehofer

Federal Minister of the Interior

TUESDAY, 26 OCTOBER, 10:30 – 12:00 h



Addressing the global climate challenge

Welcome and introduction

Dr. Stefan Kannewischer, IAKS President, Switzerland

The United Nations' Sustainable Development Goals (SDGs)

Daniela Bas, UN Director of Division for Inclusive Social Development, Department of Economic and Social Affairs, USA

The IOC's sustainability achievements and future goals

Marie Sallois-Dembreville, Director Corporate and Sustainable development, International Olympic Committee, Switzerland

TAFISA Mission 2030 and its significance for Active Cities

Wolfgang Baumann, Secretary General, TAFISA, Germany

Moderator

Tom Jones, IAKS Vice President, United Kingdom

TUESDAY, 26 OCTOBER, 13:30 – 15:00 h





Innovation to foster ecological sustainability

On the path to carbon neutral sports and leisure facilities: Learnings from the Olympic House in Lausanne

Lasse Lind, Partner & Head of Consultancy, 3XN Architects, Denmark

How master planning can be a catalyst to address climate change

Colleen McKenna, Sports+Rec Practice Leader, Principal, CannonDesign, USA

The Paris 2024 sustainability story
tbc

Moderator

Tom Jones, IAKS Vice President, United Kingdom

TUESDAY, 26 OCTOBER, 15:30 – 17:00 h





Zeroing in on Net Zero

Net zero energy in community recreation projects

Ted Watson, Partner, MJMA, Canada

Tackling the zero-emission game

Jo-Ann Gamble, Regional Sustainability Manager, Lendlease, Sydney, Australia

Environmental sustainability, well-being and active design at University of Portsmouth Ravelin Sports Building

Michael Hall, Partner, and Irina Korneychuk, Associate, FaulknerBrowns Architects, United Kingdom

Moderator

Tom Jones, IAKS Vice President, United Kingdom

Photo: Bankwest Stadium

TUESDAY, 26 OCTOBER, 18:30 – 23:00 h



2019 IOC IPC IAKS Architecture Prizes

THE WINNERS





2021 IOC IPC IAKS Architecture Prizes Ceremony

**AWARDS GALA
WITH PRIZE-GIVING CEREMONY**

The IOC IAKS Award and the IPC IAKS Distinction are the most important international architecture prizes for sports, leisure and recreational facilities.

At this Awards Gala Night, the award-winning facilities will be presented to the international public. Representatives from the IOC, the IPC and the IAKS will hand out the prizes in the presence of international guests. Prizes will be presented to the award-winning building owners and architects by:

Marie Sallois-Dembreville
Director Corporate and Sustainable
development, International Olympic
Committee, Switzerland

Dr Mike Peters
CEO, International Paralympic Committee

Dr Stefan Kannewischer
President, IAKS

Moderator
Jim White, Sports Journalist, The Telegraph

WEDNESDAY, 27 OCTOBER, 10:30 – 12:30 h





Social sustainability: Recreation facilities for All

Promoting Active Cities Throughout Europe: The matrix for change

Jean-Francois Laurent, Junior Director,
TAFISA, Germany

Concord Community Pop-Up Park

Margot Long, Principal, PWL Partnership
Landscape Architects, Canada

24/7 indoor facilities for All – Is this possible?

Holger Kortbek, Head of sports facilities at
municipality of Gladsaxe, Denmark

Embracing diversity: Key to inclusion in recreation facility participation

Mark Hentze, Architect, DIALOG, Canada

Moderator

Ola Mattsson, Development Consultant,
LOA fonden, Denmark

WEDNESDAY, 27 OCTOBER, 13:30 – 15:00 h

MOVE

OBS!
OMGIVET HER ER
ET KANONISK
-OBT ER IKKE
EN LEDEPLAS





Innovative models to foster new thinking in recreation facilities

Innovation in funding and developing sports and leisure facilities:

The model of LOA fonden

Ola Mattsson, Development Consultant, LOA fonden, Denmark

The public realm and the democratization of play

Elizabeth Hand-Fry, Princial, StudioHIP, USA

Designing street sports for sustainable development

Marie Traasdahl Staal, Executive Director of Innovations and Programs, GAME, Denmark

Moderator

Michael Hall, Partner, FaulknerBrowns Architects, United Kingdom



ACTIVEXCHANGE CANADA

INFRASTRUCTURE DATABASE

ACTION PLANS

RECREATION AND AQUATIC MAPS

MY USERS AND SITES
SWIMMING LESSONS
ICE ARENA (HOCKEY)

DASHBOARDS

COMMUNITY PROFILE

ACTIVEXCHANGE ADDITIONAL MODULES

GUIDANCE VIDEOS

MY USERS AND SITES

Select layers below to display on the map.

YOUR SITES

- 1. ACTIVE USERS (AREA)
- 2. DEMAND / POPULATION (AREA)
- 3. CONVERSION (AREA)
- 4. UNMET DEMAND (GROWTH AREAS)
- 5. FUTURE CHANGE IN DEMAND (2030)

LAYER DETAILS

DA: 48112172

- 1. Total Population: 5463
- 2. Percent 0-14: 22.5%
- 3. Percent 65+: 7.9%
- 4. Percent Low Income: 2.9%
- 5. Percent Own Home: 29.2%
- 6. Percent Rent Home: 9.3%
- 7. Percent Indigenous: 99.6%
- 8. Percent Visible Minority: 99.6%
- 9. Percent Unemployed: 3.9%
- 10. Percent Higher Education: 0%
- 11. Deprivation Index: undefined
- 12. Percent Youth Overweight: 0.1%
- 13. Percent Adult Overweight: 8%
- 14. Physical Activities: 14
- 15. Heart Disease: 79
- 16. Diabetes: 123
- 17. Cancer: 2
- 18. Mental Health: 165



Hello, ActiveXchange Data Team here, reach out to me if you need some help!

Start the chat

Write a message...



Economic challenges and operational improvements; digitalization and future trends

First Why? Then what? –
How to maximize project impact through early decision making
Darryl Condon, Managing Principal,
HCMA architecture, Canada

Business intelligence and demand analysis for shaping more informed, connected & active communities
Alex Burrows, Founder of ActiveXchange
Australasia and Canada,
Warren Green, Managing Director,
Warren Green Consulting, Australia

Digital evolution in the design and build process
Paul Gerrits, Managing Director,
Pellikaan Bauunternehmen Deutschland,
Germany

Moderator
(tbc)



THURSDAY, 28 OCTOBER, 13:30 – 15:00 h





The impact of Covid-19 on design and operations

Funding challenges for both public and private projects in elite sport and grass root development

Shaun Dawson, Chief Executive, Lee Valley Regional Park Authority, United Kingdom

Covid-19 safe re-opening of venues and its legacy for design and operations

Al Baxter, Architect, Populous, Australia

Moderator

Javier Dávila de Eusebio, Business Development Manager Sports Architecture, IDOM, Spain

THURSDAY, 28 OCTOBER, 15:30 – 17:00 h





Arenas and sports halls: New success models

Old sports halls – new opportunities

Casper Lindemann, Consultant, DIF, and
Oliver Vanges, Development Consultant,
LOA fonden, Denmark

Designing for Esports

Charlie Fordham, Associate Principal,
Populous, United Kingdom

Combining sporting, cultural and other uses at Salburua neighbourhood in Vitoria-Gasteiz

Borja Rodriguez Ramajo, City Counselor for
Public Participation, Transparency and Civic
Centers, Vitoria-Gasteiz City Council, Spain

Moderator

Harald Fux, Architect, CEO of Raumkunst
Sportarchitektur, Austria



FRIDAY, 29 OCTOBER, 10:15 – 11:45 h





The future of synthetic turf

Challenges to the future of synthetic turf surfaces

Bjorn Aas, Center for Sports Facilities & Technology at the Norwegian University of Science and Technology, Norway

Hierarchy of performance standards for synthetic turf pitches

Martin Sheppard, Managing Director, Smart Connection Consultancy, Australia

Circular Economy: How end-of-life artificial turf becomes raw material for new artificial turf systems

Dr. Cornelia Röger-Göpfert, Managing Director, Morton Extrusionstechnik, Germany

Zero waste development of synthetic turf: New materials creating circularity

Arnoud Fiolet, Managing Partner, Recreational Systems International, Netherlands

Moderator

Florian Szeywerth, Austrian Institute for School and Sports Facilities, Austria





Ice as a tool for supporting active urban and community experiences

The future ist now! Autopilot

Markus Kofler, CTO, WM ice technics, Italy

Ice as an animator of the public domain – examples from major urban centres

Conrad Boychuk, Architect, Canada

Non-traditional ice experiences – innovations in form

Ted Watson, Partner, MJMA, Canada

Temporary installations to ice-based “placemaking”

Peter Hirvell, Managing Director, AST Eis- und Solartechnik, Austria

Moderator

Harald Fux, Architect, CEO of Raumkunst Sportarchitektur, Austria

Presenting Partner



Photo: Shai Gil



Bjorn Aas, Center for Sports Facilities & Technology at the Norwegian University of Science and Technology, Norway

His field of work is concerned with climate, water and energy management, control system concepts and environmental impact issues in sports facilities, and consequently with swimming and ice facilities, and snow-related technology. Bjørn is Vice President of the recently founded IAKS Nordic.



Daniela Bas, UN Director of Division for Inclusive Social Development, Department of Economic and Social Affairs, USA

is a political scientist who, before joining UNDESA, held managerial roles in the private sector in Italy. Daniela was an advisor for the Ministry of Foreign Affairs and was the special adviser to the Vice President of the European Commission (Franco Frattini) on human rights, democracy, and social affairs.



Wolfgang Baumann, Secretary General, TAFISA, Germany

is former Executive Director of the German Sports Federation and has contributed numerous Sport for All programs and campaigns in over 30 countries. Bauman's area targets participation programs and marketing. He holds a seat on the IOC Sport and Active Society Commission. In 2015, he was appointed member of the High-Level Advisory Group of the EU Sport Commissioner.



Al Baxter, Architect, Populous, Australia

brings extensive knowledge in stadia, sports masters planning, leisure and convention design planning. Al has led the design of Bankwest Stadium, Australia's newest rectangular stadium and designed the NSW Rugby League Training Facility at Sydney Olympic Park. Al has taken several Board roles and served as a director on the Rugby Union Players Association.

The future is now Autopilot



www.wm-on-ice.com



Conrad Boychuk, Architect, Canada

is one of Canada's foremost designers of community recreation facilities and spectator sports venues. Recently, Conrad developed a set of panel discussions dealing with swimming pools, community facilities, ice facilities, and youth/senior's facilities and programs, which are available on the IAKS website.



Alex Burrows, Founder of ActiveXchange Australasia and Canada

provides data to sport, recreation and government organisations, to shape active and healthy communities. His agency has won multiple awards and has grown across Australia and New Zealand, expanding to Canada and the US. Prior, Alex was in project management teams for a series of Commonwealth and Olympic Games, Football and Rugby World Cup bids.



Darryl Condon, Managing Principal, HCMA architecture, Canada

has created successful public spaces across Canada and has been recognized internationally with over 80 awards, including three World Architecture Festival and five IAKS Awards. Darryl has lectured extensively on designing sport and recreation infrastructure for social impact, inclusion and accessibility, wellness, and the future of community recreation.



Javier Dávila de Eusebio, Business Development Manager Sports Architecture, IDOM, Spain

is responsible for the strategic development of future sports projects for IDOM worldwide. During the planning and construction of the BAI Centre (Business & Arts International Center) in Vitoria-Gasteiz, he took care of the integrated project and construction management. In 2017, he was head of the Futur Palau Blaugrana project for FC Barcelona.



Shaun Dawson, Chief Executive, Lee Valley Regional Park Authority, United Kingdom

has extensive experience in delivering viable and sustainable venues and was involved in the London 2012 Olympic project and the transition of the venues for community and commercial activities. Shaun was in the UK Government's Rio 2016 Advisory Panel, and also for Tokyo 2020 games advising on venue design and legacy planning to government representatives.



Arnoud Fiolet, Managing Partner, Recreational Systems International, Netherlands

has over 25 years' experience in the artificial turf industry. Arnoud was the co-founder of the ESTO (European Synthetic Turf Organisation) and its first chairman, and was one of the driving forces towards the merger of what is now the European Synthetic Turf Council. In 2015, Arnoud received the first AMI award for his positive contribution towards the synthetic turf industry.



Charlie Fordham

is an Associate Principal at Populous in London, with a wealth of experience which includes major arena, stadia, convention centres and mixed-use sports masterplans projects in the UK, US, Europe and the Middle East, recently many of these with a focus on E-sports.



Harald Fux, Architect, CEO of Raumkunst Sportarchitektur, Austria

specialises in indoor and outdoor sports facilities as well as stadiums and gathering spaces. The CEO of the Vienna based architecture firm Raumkunst is President of IAKS Austria and member of the UIA Sports and Leisure work program and Expert Member for Sports Facilities Construction at the Austrian Standards Institute.



Jo-Ann Gamble, Regional Sustainability Manager, Lendlease, Sydney, Australia

aims to make the world a better place by driving sustainability and innovation at all stages of the project, from concept to delivery. A sustainability professional with over 20 years' experience, her noteworthy projects include Bankwest Stadium, Melbourne Park, Sydney Football Stadium, and the Darling Harbour Regeneration.



Paul Gerrits, Managing Director, Pellikaan Bauunternehmen Deutschland, Germany

has been active in the field of sports and leisure for decades, who worked in the Netherlands before starting his venture. Paul's expertise lies in the field sports halls and swimming pools, delivering a range of successful seminars on the topic. Currently, Paul is a member of the working group of IAKS and sits in the International Expert Circle Pools of IAKS International.



Warren Green, Managing Director, Warren Green Consulting, Australia

is an infrastructure planning advisor with a speciality in aquatic and leisure facilities. With over 300 projects nationally, he is interested in maximising community participation and wellbeing by providing barrier-free access. Warren was involved in the planning for the 2006 Melbourne commonwealth games and the 2007 FINA World Championships.



Michael Hall, Partner, FaulknerBrowns Architects, United Kingdom

working closely with sport governing bodies such as FINA, UCI, IAAF, and ICF, Mike has extensive knowledge of the requirements for sports facilities and is passionate about the importance of active infrastructure in towns and cities. He sits on the IAKS International Expert Aquatics Circle and is also a representative of the International Union of Architects.



Elizabeth Hand-Fry, Principal, Studio HIP, USA

is committed to designing sustainable landscapes and producing innovative designs. Elizabeth has supervised and managed the construction of urban parks and plazas, commercial projects, recreational facilities, housing for the homeless and a range of residential housing throughout New York.



Mark Hentze, Architect, DIALOG, Canada

brings more than 25 years of experience as an accomplished architect. Mark has worked with numerous high-profile firms in North America, including Interplan, PBK (now Arch 49), and CEI Architecture (now HDR Architecture). Recognized for his breadth of knowledge in sport and recreation design, Mark sits as Chair of the IAKS Ice Rinks Experts Circle.



Peter Hirvell, Managing Director, AST Eis- und Solartechnik, Austria

develops and promotes technical sport infrastructure worldwide. Project highlights are the IIHF Ice Hockey world championships 2018 in Denmark, the largest public ice skating rinks in Moscow, and the 2022 Olympic Games in Beijing. Peter grew up in Sweden where he graduated from technical college. When it comes to competitive sport he has often spent his time in the water as swimmer, diver and underwater rugby player.



Tom Jones, IAKS Vice President, United Kingdom

has a keen interest in how sports and structures can enhance cities and communities. His passion is reflected by his projects which include the new Tottenham Hotspur Stadium, Emirates Stadium for Arsenal FC and the Olympic Stadium for the London 2012 Olympic Games. Tom has given a range of conferences around the world on the sustainability of sports and entertainment buildings.



Dr Stefan Kannewischer, IAKS President, Switzerland

completed his MBA and Ph.D. in economic sciences at University St.Gallen (Switzerland) and has worked for four years at strategy consultants Bain & Company in Zurich, Munich and London. In 2001, he became Managing Director of the Swiss family business Kannewischer Management AG. Stefan was appointed by Dr Thomas Bach to the IOC Sustainability and Legacy Commission.



Markus Kofler, CTO, WM ice technics, Italy

has 15 years of experience in the development and production of off-highway machinery. As an electrical engineer, he brings an enlightening perspective of electromobility and sustainability to the field of mechanical engineering. His wide-ranging expertise in the fields of mechanical engineering, hydraulics, ergonomics, electronics and electrical engineering has led to the development of future-oriented products.



Irina Korneychuk, Associate, FaulknerBrowns Architects, United Kingdom

is experienced in leading the design and delivery of high-profile leisure and education projects, including sports facilities that challenge traditional models to being forth innovation in the sector. An advocate for using design principles to promote healthy lifestyles and stronger communities, Irina was named a Generation 4 Change Future Leader in 2018.



Holger Kortbek, Head of sports facilities at municipality of Gladsaxe, Denmark

manages the sports facilities in the Municipality of Gladsaxe which is located in the east of Denmark. Holger is Vice President of the Danish Association for Sports Facilities bringing together owners, operators and managers of sports facilities in Denmark with the purpose of contributing to innovation in and the development and planning of sports facilities. Holger acts as IAKS' treasurer.

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Jean-Francois Laurent, Junior Director, TAFISA, Germany

specialises in the promotion and advocacy of Sport for All and physical activity, with special insight on the topics of Active Cities and Traditional Sports and Games. Jean has been a consultant to various Sport for All initiatives in many countries and has been invited as a speaker to congresses and seminars worldwide.



Lasse Lind, Partner & Head of Consultancy, 3XN Architects, Denmark

is a certified DGNB- consultant in urban development, and an expert in energy efficiency, circular design, and strategies for energy-neutrality. Lasse strengthens 3XN's lead role in sustainability, sharpening the debate concerning urban areas. As Chairman of the Board at CradlePeople, Lasse intends to create awareness about circularity for waste-free communities around the world.



Casper Lindemann, Consultant, DIF, Denmark

is a consultant at the National Olympic Committee and Sports Confederation of Denmark. Casper has a master's degree in landscape management and has 15 years' of experience developing strategies and policies for outdoor facilities. Furthermore, he has been involved in a wide-scale national mapping and analysis of facilities for outdoor sports in Denmark.



Margot Long, Principal, PWL Partnership Landscape Architects, Canada

is a fellow of the Canadian Society of Landscape Architects with over thirty-five years' experience in community and public realm projects. She is known for her project leadership skills, community participation processes and innovative design solutions that bring people and nature closer. Margot's projects range from large-scale master planning to urban design projects.



Ola Mattson, Development Consultant, LOA fonden, Denmark is passionate about building projects creating places that are future proof and bring a communal sense. Ola's expertise lies in building projects connected to the sports, outdoor and cultural sector. Ola has been part of advising teams for municipalities, grassroots, and sports clubs to realize their goals, creating meaningful venues for leisure pursuits.



Colleen McKenna, Sports + Rec Practice Leader, Principal, CannonDesign, USA

brings an in-depth knowledge of critical functional planning requirements, which helps her to meet the diverse needs of participants ranging from world class athletes to the everyday fitness enthusiast. Colleen's diverse portfolio includes collegiate sports and recreation facilities across the USA. In 2020 she was named a Power Player by Sports Business Journal.



Borja Rodriguez Ramajo, City Counselor for Public Participation, Transparency and Civic Centers, Vitoria-Gasteiz City Council, Spain

graduated in law. After working as a lawyer and a political advisor he was elected in 2019. Located in the Basque Country, northern Spain, Vitoria-Gasteiz has around 250.000 inhabitants and 14 community centres spread across the neighbourhoods. Each of them offers an extensive public cultural, sports and leisure programme.



Dr Cornelia Röger-Göpfert, Managing Director, Morton Extrusionstechnik, Germany

joined BASF SE Ludwigshafen and worked in the central department for environmental protection, health and safety. Recently, Cornelia joined Morton Extrusions technology as a Managing Director, which today is part of Tarkett Sports and one of the largest producers of artificial turf fibres for sports applications worldwide.



Marie Sallois-Dembreville, Director Corporate and Sustainable development, IOC, Switzerland

is in charge of implementing the IOC Sustainability Strategy and the IOC Legacy Strategic Approach. With over 10 years' of experience, Marie headed the consulting practice of the SchlumbergerSema company, now under the name ATOS, a major Olympic Games technology partner. She holds an MBA and an MSc in Management and is closely connected with the academic world.



Martin Sheppard, Managing Director, Smart Connection Consultancy, Australia

has been in the sport and recreation industry for 35 years. Managing facilities, parks and open space, museums and leisure services have provided him with insights into planning and facilities that are practical and realistic. Martin specializes in using synthetic sports surfaces to encourage people to be active and is recognised as one of the predominant advisors on surfaces in the world.



Florian Szeywerth, Austrian Institute for School and Sports Facilities, Austria

is a longterm contributor to the institute and works in the field of sports facilities as well as in the field of educational facilities. He is a member of several national and European standard bodies and is specialized in the field of sports facilities and barrier-free design.



Marie Traasdahl Staal, Executive Director of Innovations and Programs, GAME, Denmark

heads GAME's ambitious innovation agenda centred around exploring the potential for using street sport as a catalyst for sustainable development. Marie worked for several years as a political advisor to decision-makers in Demark and European Parliament. Marie spearheaded GAME's IAKS/IOC Gold medal-winning facility GAME - Streetmekka Viborg.



Oliver Vanges, Development Consultant, LOA Fonden, Denmark is a development consultant in LOA's Team Sports. With over 13 years, he has a wide variety of successful projects behind him. Oliver 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.



Ted Watson, Partner, MJMA, Canada brings 25 years of community recreation experience that focuses on the design of comprehensive spaces. Framing design solutions around social, technical, and environmental challenges, Ted strives to advance the architecture of community and recreation projects that 'Elevate the Civic Experience'.

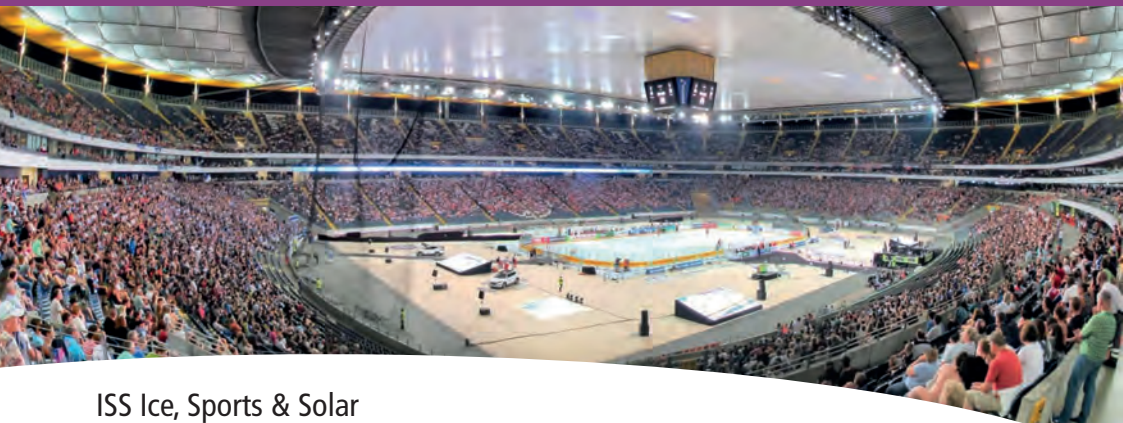
PLATINUM PARTNERS

Competence in
Ice, Sports & Solar
www.iss4u.de



GOLD PARTNERS

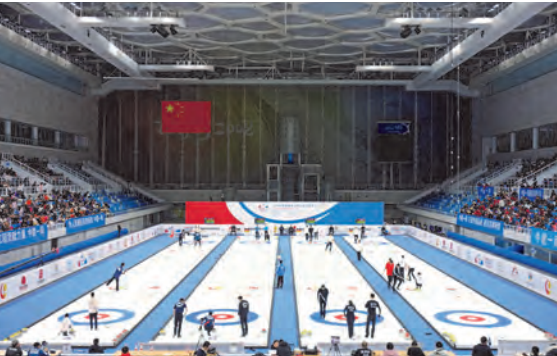
polytan



ISS Ice, Sports & Solar

ISS Ice, Sports & Solar is a pioneer in ice sports. 40 years ago, company founder Ing. Kaveh Hakim developed the first indirectly cooled ice rink with EPDM ice mats. Today known as the only TÜV-certified mobile ICERACK® ice rink system used successfully thousands of times worldwide. Whether at the Christmas market or for World Championships. With the first KHL Allstar Outdoor Game 2009 at the Red Square in Moscow, the foundation was laid for Outdoor Games in Norway, Czech Republic, Germany and China, among others. Highlight were the „Summer Games“ in Frankfurt at over 30°C and in the Norwegian Ullevaal National Stadium the „Henke & Zucca Summer Classic“ with the best NHL players.

With the ICEGRID® system, patented and TÜV certified by the current CEO and son of the founder Said Hakim, ISS is at the top of the class when it comes to sustainability and ice quality in arena construction. This quality is appreciated worldwide by partners such as USA Curling, the World Curling Tour, the German Ice Hockey Federation, the DEL2 hockey league and the IOC. For the Olympics, ISS delivered the ICEGRID® Curling rink in Beijing and in March/April 2021 the first ice test in Milan for Milano Cortina 2026. Also in 2021, 10 permanent Hockey and Curling Arena installations were delivered in North America, Europe and Asia. With its own refrigeration department, it offers everything from customised Air Handler and Heating solutions, to new Chiller construction, refurbishment or even conversion from Ammonia to Brine. As an exclusive distributor of ICEPRO from Finland, ISS supplies the DIN18036 and IIHF certified „Flexboard“ which was also used for Olympics. Refrigeration and Ice Rink „Made in Germany“, Hockeyboard... ISS offers one-stop solutions. As a second generation family business, sustainability is truly lived, which is why ISS works since five years certified 100% climate-neutral according to Gold Standard and also ICERACK® and ICEGRID® can be purchased climate-neutral.



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Competence in
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FSB booth
Hall 9.1 / E031 D030



WM ice technics

Masters of innovation in high-performance ice resurfacing machinery

WM ice technics from South Tyrol (Italy) is a market leader in the top-quality ice-resurfacing sector. Their product portfolio comprises five vehicles, each of which has been purpose-developed for its own specific field of operation.

WM ice technics are famed for their skills in innovation, and this is reflected in the practical details and overall design of their vehicles. With their WM Autopilot, the company have developed a practical assistance system to enable driver-free ice resurfacing. WM ice technics place the highest of importance on user-friendliness and ease of use and are the only international manufacturer to have their vehicles type-tested by Suva, the independent certification organisation based in Switzerland. Amongst other criteria this certification guarantees safety during use and ergonomic features which far surpass minimum legal requirements. The company's international sales network with local, maintenance partners guarantees on-site customer care that you can depend on.



W. M. GmbH

Breiner Straße 15
39053 Blumau
BZ, Italy
info@wm-technics.com
www.wm-on-ice.com

FSB booth

Hall 9.1 / E029 D028



Polytan – more than sports flooring

“We make sport.” This is the slogan of Polytan GmbH, one of the worldwide leading providers of sports flooring systems. Artificial turf, track and field, tennis, playgrounds: the list of possibilities could go on. The company pairs over half a century of experience with the mission to offer sustainable, innovative and high-quality products. Its sports floorings have changed, but one thing has stayed the same. At Polytan, the central focus is always on people, be it the athlete or the customer.

But is it enough to lay high-quality artificial turf or install a running track these days? Or does a company that is a world market leader carry far more responsibility? The answer is clear: it is no longer enough to offer sports facilities that provide the best performance for the user. Sustainability is becoming an increasingly important issue when it comes to sports flooring too. It starts with product development and ends with the removal and comprehensive recycling of the materials. The targeted use of renewable materials in the development of its products is just one example of the Polytan approach: with LigaTurf Cross GTzero, the company has added its first ever certified climate-neutral artificial turf to its product range. The material, which is made from a by-product of the sugarcane harvest, is being used in more and more products. However, Polytan’s Green Technology programme is not limited to its products, but extends to its production and the maintenance of its facilities.

But can performance and sustainability really coexist? For Polytan, the answer is: they can and they must. Sport should be enjoyable, bring people together and encourage them to keep improving. That is not just true of professionals, but of everyone who enjoys sports. This requires the best possible support. The hockey pitches at the Tokyo Olympics are just one example of this. At the world’s most important hockey tournament, the games were played on a surface made largely of renewable materials. What applies to top-level sports also applies to the products used in popular sports. CO₂ emissions can only be reduced by developing more environmentally friendly products.

Polytan believes in tackling the big challenges of our time, which include climate change, raw material shortages and urbanisation. Finding what motivates people and offering them the best possible solution: this is the only way to secure a successful future.

WE MAKE
SPORT.

polytan

SPORT



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polytan

FSB booth
Hall 9.1 / E029 D028

CONGRESS TICKETS

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

Regular price from 1 October 2021:

4-day Congress ticket in person

IAKS Members	335 EUR
Non-Members	502 EUR
Students	112 EUR

4-day Congress ticket virtual

80 EUR
120 EUR
40 EUR

1-day Congress ticket

	26 Oct
IAKS Members	180 EUR
Non-Members	270 EUR
Students	60 EUR

	27 Oct	28 Oct	29 Oct
	120 EUR	180 EUR	120 EUR
	180 EUR	270 EUR	180 EUR
	40 EUR	60 EUR	40 EUR

Tickets for Awards Gala on 26 Oct 2021

IAKS Members	115 EUR
Non-Members	140 EUR

Information and tickets: www.iaks.sport



Photo: IAKS

Congress Centre North of Koelnmesse

Messeplatz 1
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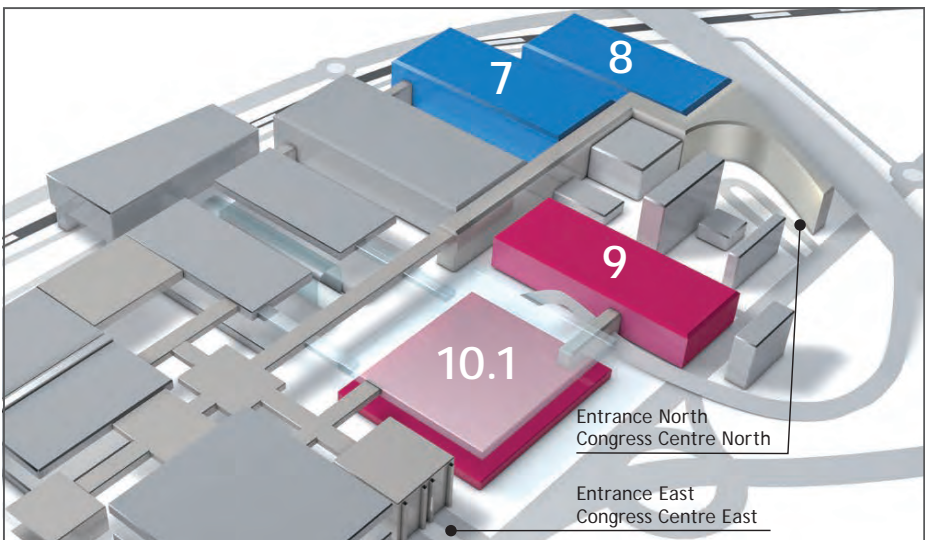
Congress languages/rooms

Presentations and discussions
(conference language: English with simultaneous translation into German)
Staged in a hybrid format for the first time.

Room: CC Nord, Rheinsaal



HALL LAYOUT 2021





IAKS

International Association
for Sports and Leisure Facilities

www.iaks.sport



Photo: Brett Hitchins

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