

SPORTS & LEISURE FACILITIES



IAKS

International Association
for Sports and Leisure Facilities



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26th IAKS Congress
5-8 Nov 2019 Cologne, Germany
www.iaks.sport



ESPLANADE YOUTH PLAZA, FREMANTLE, WA, AUS



X-DUBAI SKATE PARK, KITE BEACH, DUBAI



ALEXANDRA HEADLAND SKATE PARK, QLD, AUS



SOUTH EVELEIGH YOUTH SPACE, NSW, AUS



ONLSOW SKATE SPACE, WA, AUS



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Punto Design is a Russian manufacturer of urban furniture, modern workout, HoReCa furniture.

The main advantages of the company:

- the unique product of high quality,
- working for individual orders

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Welcome

IAKS President Dr Stefan Kannewischer



Members and Friends of IAKS,
Congress Participants,

It gives me great pleasure to welcome you to FSB and the IAKS Congress 2019! Both events are celebrating their 50th anniversaries this year, having evolved into the world's leading industry events for sports and leisure facilities.

There's a lot going on in our industry right now. Probably the biggest challenge is that people don't get enough exercise, let alone engage in sport. This results in a variety of health issues such as overweight and back problems. For us as sports and leisure facility experts, the task no longer means: „Which sports facilities should we build for athletes?“, but: „Which infrastructures (including sports and leisure facilities) are best-suited for motivating people to adopt a more active lifestyle?“

That's why this year's IAKS Congress has as its main theme „Facilitating an active world“. We will discuss this in all its facets, covering everything from urban planning to public space design, school playgrounds, trend sports facilities, and classic sports and leisure facilities.

Exciting ideas will also be forthcoming in connection with the IOC IPC IAKS Architecture Prizes. Be sure not to miss the prize-giving ceremony at the Award Gala on 5 November! This is when we will be celebrating the most innovative ideas of our sector and their creators.

None of this would be possible without years of fruitful cooperation with capable partners. I should like to warmly thank the IOC, IPC, Koelnmesse, GAISF and the German Ministry of the Interior for their constructive assistance.

I wish you many interesting discussions and insights at the IAKS Congress, FSB and aquanale and at the many events taking place in connection with them. Make the most of this valuable opportunity for an exchange of views since it only takes place every two years. And, betweenwhiles, why not become a member of the IAKS so as to benefit from the latest expertise and the many advantages of our network? We will be happy to provide you with information at our stand on the exhibition boulevard. I look forward to meeting you at the industry's flagship event.

Yours
Dr Stefan Kannewischer

IOC President Dr Thomas Bach



Dear Participants,

It is a great privilege for the International Olympic Committee to give patronage to the 2019 IAKS Congress, because it illustrates the close connection between the IOC and International Association for Sports and Leisure Facilities.

The focus of the 2019 IAKS Congress, on how sports and exercise spaces in urban areas can encourage people to adopt more active lifestyles, comes at an important moment. It is a sad reality that public health is deteriorating because of a lack of physical activity. According to the World Health Organisation, 23 per cent of adults and 81 per cent of adolescents in the world are not active enough. Sport plays an important role to address this global challenge.

The 2019 IAKS Congress will therefore be a timely opportunity to shape the public debate about how sport can improve people's lives. The many innovative approaches featured at this Congress will demonstrate concrete benefits of making sport available for all. Most importantly, initiatives such as the Global Active Cities programme supported by the IOC, show us the power of partnership that is needed to achieve our shared goal of making the world a better place through sport.

In this spirit of innovation and partnership, I wish you fruitful discussions and a successful 2019 IAKS Congress.

Yours
Dr Thomas Bach

Patronage



IPC President Andrew Parsons



Dear Participants,

It is with great pleasure that I accept the IAKS's kind offer and serve as patron for the 2019 IAKS Congress.

I truly believe that this years' theme of "Facilitating an active world" fits perfectly with the International Paralympic Committee and its aspiration "To make for a more inclusive society for people with an impairment through para-sport". The importance of physical activity, especially for persons with a disability could not be underestimated. This includes the access to inclusive sporting facilities no matter if doing sports for leisure or professionally.

I am looking forward to our continued co-operation.

Yours
Andrew Parsons

GAISF President Dr Raffaele Chiulli



Dear Participants,

On behalf of the entire GAISF team, I would like to congratulate the International Association for Sports and Leisure Facilities on holding its 26th Congress in the beautiful city of Cologne.

It is my honour and privilege to act as patron of this event. I believe that the focus on designing, maintaining and maximising sports and exercise spaces is a critical subject area, particularly for International Federations, as sport seeks to become more sustainable and engage new audiences around the world.

This is a topic of great interest to GAISF, with our own focus on creating multi-sport events that maximise the use of urban environments and encourage new generations to play sport in the heart of their cities.

The IAKS Congress provides an ideal platform for delegates to propose, discuss and debate new concepts, thinking outside the box to discover answers to the challenges that many sports currently face.

It is my hope that the 26th Congress will serve as a launch pad for inspirational, innovative ideas, and I hope to see many of them materialise over the coming years.

Yours
Dr. Raffaele Chiulli

Federal Minister of the Interior Horst Seehofer



Dear Participants,

As Federal Minister of the Interior, Building and Community, I am pleased to serve as patron of the 26th IAKS Congress and thus continue a tradition stretching back decades.

This international congress has proven itself over the decades. The IAKS together with its worldwide partners are an assurance of the high quality of the event. The main topics show the unbroken interest in high-grade and demand-oriented sports facility infrastructure.

We need modern and sustainable sports infrastructure in Germany so that sport can fully exert its positive and integrative effect in our country. Good sports facility infrastructure is of particular concern to me as Minister of Community and is needed in municipalities large and small as well as in rural areas. At the same time, modern sports facilities are an important contribution to the creation of equal living conditions in Germany. In this knowledge, the Federal Government and the Länder ensure that sport receives the investment it needs.

Sport encourages achievement and competition, while promoting team spirit and fair play. It encourages people to improve their physical abilities and enhances their health. The sense of community created by sport and the values it conveys are essential for the cohesion of society.

For training and competition, our top athletes need facilities that meet the highest standards in order to succeed internationally. Such sports facilities are modernised and built in Germany with substantial support from the Federal Government, which earmarks around EUR 16 million annually for this purpose. This figure underlines its efforts to sustain modern sports facility infrastructure, which is also available for club and school sports, and further develop it at a high level. To achieve this, we need your innovative support.

In my capacity as patron, I would like to thank the IAKS for hosting this congress. I wish all participants, organisers and helpers an exciting few days at the congress and much success to the trade fair FSB.

Yours
Horst Seehofer



26th IAKS Congress: Facilitating an Active World

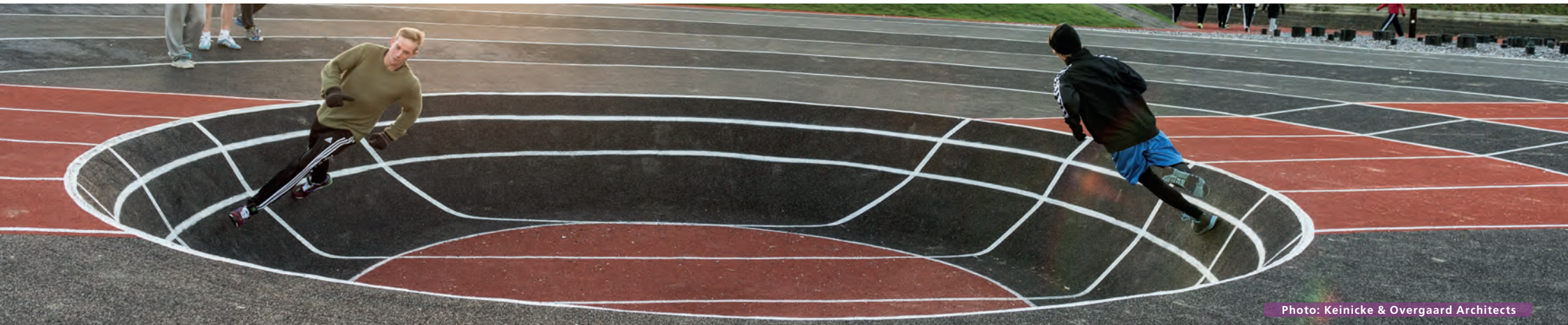


Photo: Keinicke & Overgaard Architects

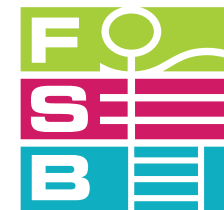
The IAKS Congress is the world's leading international forum on the planning, building and operation of sports and leisure facilities. Its 26th edition is taking place in conjunction with the FSB, the leading international trade fair for public space, sports and leisure facilities in Cologne, Germany. The outstanding community sport and recreation knowledge sharing event is innovative thinking at top level. International architects, engineers, clients, designers, local authorities, technical and operative management, sports federations and clubs will be converging in Cologne, Germany to share experiences and ideas with their peers - with debates, keynotes, success story case studies, exchanges, conversation hubs, workshops, focus sessions, presentations, ... and talks.

Focal point in 2019: Facilitating an active world

The goal of „Facilitating an active world“ will be explored as a focal point for communities of all sizes, and as a motivator for public policy at all levels of government. The conference programme will feature an international group of speakers providing innovative responses to the demanding challenges of funding and developing new sports and leisure facilities that offer relevant, meaningful, and life-style-enhancing experiences to all members of the community. Presentations will look at global trends and constraints with the objective of addressing them at the community level.

TRADITION

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



INDUSTRY MEETING

The IAKS Congress will take place together with FSB 2019 in Cologne.

4 DAYS

13 Events
Presentations and discussions

500 PARTICIPANTS and 50 SPEAKERS

40 Nations
International information exchange

INNOVATION

Expert knowledge from renowned architectural firms and operators such as Barker Rinker Seacat Architecture, FaulknerBrowns, GEC Architecture, HDR Architecture, HCMA, LA Architects, MJMA.



Photo: Keinicke & Overgaard Architects

Developing active cities

- Developing active cities: Global strategies and initiatives
- Global active cities: Best practices

Activating infrastructure: Best practices

- Building stronger active living infrastructure in metropolitan cities
- Properly operating leisure infrastructure in small and mid-size cities
- Building stronger active living infrastructure in small and mid-size cities
- Properly operating leisure infrastructure in large metropolitan cities

Public and social infrastructure

- Indoor recreational facilities for future generations
- Social and financial sustainability of public pools
- Activating the public realm for all ages
- Ice rinks for leisure and physical activity
- Making schoolyards places of active living for all

Diverse and successful activity areas

- The planning of skate parks between subculture and the Olympics
- Urban activity areas for the youth and for the young at heart
- Activating underutilized urban spaces

TUESDAY, 5 NOVEMBER, 10:30 – 12:30 h

26th IAKS CONGRESS

Developing active cities: Global strategies and initiatives

Moderator: *Tom Jones*, Senior Principal, Populous, United Kingdom

Introduction: *Dr Stefan Kannewischer*, IAKS President, Switzerland

IOC strategy on sustainable development

Michelle Lemaître, Head of Sustainability, International Olympic Committee, Switzerland

The Global Active City Label and the Active Well-Being Initiative

Wolfgang Baumann, Secretary General, TAFISA (The Association For International Sport for All), Germany

Development of sports and leisure facilities in the United Kingdom

Charles Johnston, Director of Property, Sport England, United Kingdom

The first congress session is devoted to international, national and local initiatives from around the globe. Experts will present global strategies and planning models to make cities better places for active living.

Photo: David Whittaker

TUESDAY, 5 NOVEMBER, 14:30 – 16:30 h

26th IAKS CONGRESS

Global active cities: Best practices

Moderator: *Tom Jones*, Senior Principal, Populous, United Kingdom

Hamburg: The legacy lives on

Christoph Holstein, City Councilor for Sport, Free and Hanseatic City of Hamburg, Germany

Liverpool: A pioneer city walks the talk

Nicky Yates, Strategic Physical Activity and Sport Development Manager at Liverpool City Council, United Kingdom

Richmond: Leading healthy and active lives

Elizabeth Ayers, Director of Recreation & Sport Services, City of Richmond, Canada

The afternoon will see presentations from municipalities that have undertaken significant steps to become "Global Active Cities". Learn how they developed their strategies to enhance urban planning, offer better activity infrastructure, engage neighbourhoods and design public spaces and streets for more inclusivity and activity! The "Global Active City" programme is part of the "Active Well-Being Initiative" formed by TAFISA, evaleo and the IOC.

TUESDAY, 5 NOVEMBER, 18:30 – 23:00 h

26th IAKS CONGRESS

2019 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 300 guests. Prizes will be presented to the award-winning building owners and architects.



Photo: Koelnmesse GmbH, Uwe Weiser

Building stronger active living infrastructure in metropolitan cities

Moderator: *Conrad Boychuk*, Vice President, IAKS, Canada

Best practices from Denver

John Martinez, Deputy Executive Director of Recreation at City and County of Denver, USA

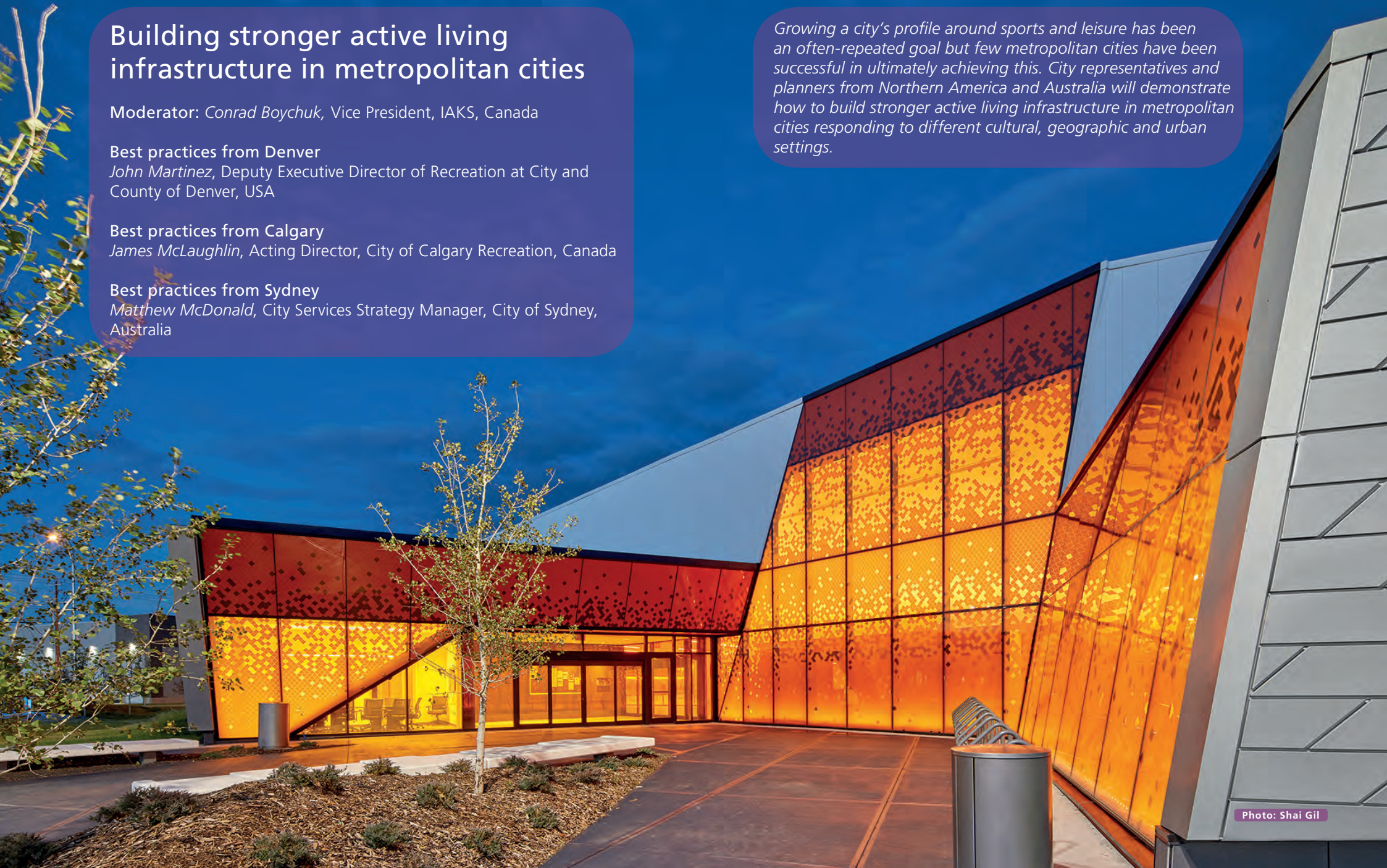
Best practices from Calgary

James McLaughlin, Acting Director, City of Calgary Recreation, Canada

Best practices from Sydney

Matthew McDonald, City Services Strategy Manager, City of Sydney, Australia

Growing a city's profile around sports and leisure has been an often-repeated goal but few metropolitan cities have been successful in ultimately achieving this. City representatives and planners from Northern America and Australia will demonstrate how to build stronger active living infrastructure in metropolitan cities responding to different cultural, geographic and urban settings.



Properly operating leisure infrastructure in small and mid-size cities

(Workshop in English language only to discuss challenges and exchange expertise)

Moderator: Maria Keinicke, Founder and partner, KEINGART, Denmark

Experts:

Elizabeth Ayers, Director of Recreation & Sport Services, City of Richmond, Canada

Holger Kortbaek, Head of Sports Facilities, Municipality of Gladsaxe, Denmark

The planning and development of leisure-oriented infrastructure for small and mid-size cities is challenging. Funding is not always easy to secure and once the investment has been made maintaining an ongoing relevance and responsiveness to community needs becomes the prime goal. The initial capital investment may pale compared to the ongoing costs for maintaining and improving that leisure infrastructure. This workshop will look at these challenges and the complexities of dealing with an ever-evolving community of users and the challenges of funding.



Building stronger active living infrastructure in small and mid-size cities

Moderator: *Conrad Boychuk*, Vice President, IAKS, Canada

Why recreation facilities are so important in small communities
Mark Hentze, Vice President Recreation and Culture, HDR Architecture, Canada

GAME's approach to inclusive street sports communities and facilities
Mikkel Selmar, Head of Facilities, GAME, Denmark

Combined facilities as catalysts for activating the neighbourhood
Mike Hall, Partner, FaulknerBrowns Architects, United Kingdom

Presenting Partner

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The second session of the day will focus on small and mid-size cities. Typically having fewer resources, smaller cities often find it more challenging to offer settings that are active and inclusive. Learn from experiences of Canadian, Danish and British operators and architects how you can succeed in creating modern and appealing, financially and socially sustainable leisure facilities!



Photo: Rasmus Hjortshøj

Properly operating leisure infrastructure in large metropolitan cities

(Workshop in English language only to discuss challenges and exchange expertise)

Moderator: Henrik H. Brandt, Consultant in sports and leisure, idkon.dk, Denmark

Experts:

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

Thomas Beyer, Former Head of Sports Department of the City of Hamburg, Germany

The ongoing migration of people to large urban centres has created a challenge in terms of developing an appropriate sport and leisure infrastructure. Often large urban areas suffer from outdated indoor and outdoor facilities that are difficult to effectively program and maintain. The process of offering meaningful programs and facilities is complicated by ongoing community growth and diversified expectations. This workshop will look specifically at the unique challenge of meeting the needs to growing metropolitan areas and enhancing the livability factor.

Indoor recreational facilities for future generations

Moderator: Karin Schwarz-Viechtbauer, Director, Austrian Institute for School and Sports Facilities (ÖISS)

Carla Madison Recreation Center in Denver
Katie Barnes, Principal and Partner, Barker Rinker Seacat Architecture, USA

Recreation Centre Development in Calgary
Andrew Tankard, Partner, GEC Architecture, Canada

A new approach for sustainable building concepts and innovative funding methods?
Mike Lawless, Director, LA Architects, United Kingdom

Presenting Partner



"Indoor recreational facilities for future generations" is the challenging title for the first session of the third congress day. Sports halls are one of the fundamental building blocks of a community's sports and leisure infrastructure but their design and programming need to evolve to meeting an ever-broadening range of expectations and users. An international panel will show strategies for activating leisure elements into traditional sports hall concepts, as well as how to realize integrated concepts for recreation, cultural and social uses.



Social and financial sustainability of public pools

Moderator: *Karin Schwarz-Viechtbauer*, Director, Austrian Institute for School and Sports Facilities (ÖISS)

Public Pool Development: The right order of decisions
Darryl Condon, Managing Principal, HCMA, Canada

Economic sustainability: Optimising financial planning to get best value
Dr Stefan Kannewischer, CEO, Kannewischer Management, Switzerland

Operating models: Choose the right one for your pool
Gar Holohan, Founder and Executive Chairman of Aura Holohan Leisure Group, Ireland

Decision-making processes for public pools should start by defining socio-economic outcomes and political goals of a new project. Only after knowing why we build a new pool, we should discuss what we build. Another key for success is creating a business feasibility study. What is the benefit and logic of regional planning? Why should we calculate and know all life-cycle costs of a project? Finally, there are different operating models available, including PPP and revenue models. Sometimes municipalities want to sell outdoor or sports pools, but not every operating model is reasonable for every type of pool.

Activating the public realm for all ages

(Workshop in English language only to discuss challenges and exchange expertise)

Moderator: Harald Fux, Founder and partner, RAUMKUNST, Austria

Experts:

Theis Bavnhoj Hansen, Team leader recreation, City of Faaborg Midtfyn, Denmark

Matthew Lappin, David Lock Associates, United Kingdom (tbc)

The objective of creating active communities goes well beyond the development of indoor and outdoor spaces for sports and leisure facilities and programmes. Providing opportunities for spontaneous or leisurely activity, done on one's own terms either individually or socially, is key to an active, meaningful and stimulating public realm. Different cultures respond to, or take advantage of public space in very unique ways. This workshop looks at walkability and sometimes "swim-ability" in the public realm, broadening the scope and definition of urban active living.



Ice rinks for leisure and physical activity

Moderator: Karin Schwarz-Viechtbauer, Director, Austrian Institute for School and Sports Facilities (ÖISS)

Evolution of community ice rink design as a tool for physical and social interaction

Viktors Jaunkalns, Founding partner, MJMA Architects, Canada

All-season recreation and sports pavilion as an economic, functional and appealing approach for ice rinks

Jim Kalvelage, Partner, opsis architecture, USA

In the afternoon session, ice rink experts from Northern America will exchange ideas how to develop the planning and design of ice arenas beyond the traditional model. The international panel will provide examples of successful single-pad and multi-pad ice facilities for sports and leisure use, as well as community-scaled spectator arenas that bring an aspect of entertainment into the market.



Making schoolyards places of active living for all

(Workshop in English language only to discuss challenges and exchange expertise)

Moderator: Wolfgang Becker, Rif University Centre, Austria

Experts:

Laura Munch, Project Leader, Realdania foundation, Denmark

Anne Dorthe Vestergaard, Owner, VEGA landskab, Denmark

Schoolyards are one of the first places we learn to play and their design can have long-term benefits for remaining active. While investing in children's play is one of the most meaningful initiatives a society can make, the benefits of an "area for playing" should be available to a larger segment of the community. Schoolyards can provide a uniquely accessible opportunity for those who have a more informal approach to active living. This workshop looks at some innovative approaches to schoolyard design as part of a larger and broader active realm.

Diverse and successful activity areas

Moderator: *Henrik H. Brandt*, Consultant in sports and leisure, idkon.dk, Denmark

The planning of skate parks between subculture and the Olympics
Veith Kilberth, Partner, Landskate, Germany

Skills Park Winterthur: Programming, designing and operating urban activity areas for the youth and for the young at heart
Roger Rinderknecht, Founder/owner and *Robin Schneider*, Technical Director, Skillspark, Switzerland

Activating underutilized urban spaces
Darryl Condon, Managing Principal, HCMA, Canada

Impacting health through public space provision
Bryce Hinton, Partner, CONVIC, Australia

Presenting Partner

CONVIC
CREATE COMMUNITY

Skate and bike parks have become a global trend seen in both developed countries and those lacking a robust sports infrastructure program. How can they satisfy at the same time the demands of a future Olympic discipline as well as being socially relevant? The popularity of urban and sub-urban activities like parkour, bouncing and trampoline has initiated private investors to build indoor centres as commercial activity. What are their challenges and success stories?

Happy Hour

On Tuesday, Wednesday and Thursday of the IAKS Congress all members, congress delegates and friends are kindly invited to join us for networking at the IAKS Happy Hour. Starting from 5.30 pm at the IAKS booth on the northern boulevard at FSB.





Photo: Koelnmesse

PLATINUM



punto design

GOLD



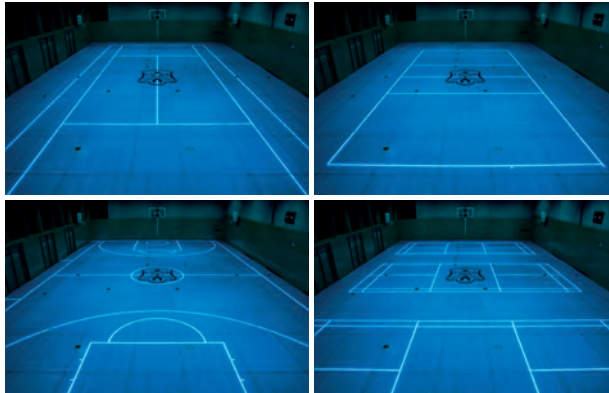
SILVER





ASB GlassFloor
DE-Stein a. d. Traun
www.asbglassfloor.com

FSB booth:
Hall 9.1 | Stand A023



ASB GlassFloor's flagship product is a revolution in the professional and recreational sports world; the multifunctional glass sports flooring has proven itself internationally successful. With projects in Los Angeles, Seoul and Berlin ASB GlassFloor has established an international reputation as a market leader not only for squash courts, but for various other professional sports and high-quality event and exhibition venues.

Glass as an established construction material in the area of flooring for professional sports venues is not a new concept for ASB; however, the family business has developed its use much further over the past few years. Initially, glass was used in the construction of transparent glass walls for squash courts to make the sport more attractive for the audience, yet today's innovations mainly focus on the flooring – and therefore on the most important element for most types of sport.

As a result of a specially developed aluminium dual-support sprung floor sub construction, ASB GlassFloor's elasticity and absorption are consistent throughout and therefore make the glass flooring even more elastic than ordinary sports flooring. The surface offers precisely the right level of slip resistance and also prevents the risk of injuries (e.g. when players dive for a ball). Furthermore, LEDs enable the flooring to create a multifunctional playing field and also, to be changed into a huge advertising space. This can be controlled via touchscreen – an internationally unique development.

An example of a professional sports venue with glass sports flooring is the BallsportArena in Dresden. This professional sports venue with ASB GlassFloor's product proves the multi-functionality and durability of this type of flooring. The flooring allows the venue to be used for gala dinners, concerts and sports events such as boxing matches, badminton or handball tournaments. The same flooring stays in place and does not have to be covered up. Moreover, ASB's flooring has a life expectancy of 70 years, it is FIBA and WSA accredited, as well as IHF approved.



CONVIC Pty Ltd
AU-Richmond
www.convic.com

FSB booth:
Boulevard | Stand B003

As the global leaders in skate park and youth space solutions, Convic has created more than 800 action sports facilities around the world. Our services include delivering projects world-wide for wheeled sports such as skateboarding, scooters, inline skating and BMX and also include integrated landscape solutions for parkour, bouldering elements, slack lines, table tennis, sports courts, and other active element which delivers unique park facilities.

With a team of in-house landscape architects, skate park designers and civil and structural engineers, Convic offers a selection of proven skate park plans or create a unique, custom solution. With a fully integrated in-house design and construction offering, Convic provides a simple end-to-end turnkey solution for the allocated budget which has proven to be a viable alternative to the traditional delivery methods.

At Convic, our design approach is to incorporate both landscape architecture and active recreation design. This results in a unique skill set, that manifest in creative, responsive and sensitive design outcomes. The design team members all have specialist skills in community engagement, along with expertise and proven abilities in the core areas of place making and landscape architecture.

Our design philosophy considers the cultural and historical significance, embraces environmental and site conditions, and fully understands site context to deliver facilities that truly activate the community and will be an inviting contemporary attraction for decades to come. Our standard project approach has been developed around the four key pillars of consult, design, construct, and activate. Convic advocate in our design approach for 'Consultation Lead' outcomes. We truly believe the best parks are those that engage with the local community, providing the best opportunity for their ongoing activation.

punto design

Punto design
RU-Kostroma
www.puntodesignru.com

FSB booth:
Hall 7.1 | Stand D051



Punto Design is a leading Russian urban and park furniture manufacturer. The main business areas are the development and production of small architectural forms (such as benches, a variety of sun deck chairs, litter bins, street flower tubs, bicycle parking facilities, fences, garden sculptures, information information stands), multifunctional sports equipment (the modern "Punto Fit" workout complex) and modern HoReCa furniture.

Among our main advantages are the ability of executing individual orders and galvanizing outdoor furniture. The use of modern technologies and our own production base enable us to produce a unique product.

The multifunctional "Punto Fit" workout complex is a perfect solution for a balanced workout at any fitness level, from a beginner to a professional. It requires a minimum of space and provides a maximum of sports opportunities both indoors in a gym or outdoors. Our sports equipment complies with international standards: it has successfully passed TUV testing and inspection. In 2019 our company became member of the International Association for Sports and Leisure Facilities (IAKS).

Our products have gained wide popularity among specialists in the field of architecture, urban planning and design. Our outdoor furniture can be seen in many parks and public spaces in Russia, such as VDNKh, Krasnopresnenskaya embankment, Boulevard Ring, Sadovniki Park, Gorky Park and dozens of other places throughout Russia.

Only high-quality materials are used in our products: wood of various species, thermowood, sheet steel, metal pipe and CORTEN steel. All metal is galvanized or coated with zinc-containing primer. The variety of materials and the presence of a design office in our company help to create a unique product beyond comparison.



AST Eis- und
Solartechnik GmbH
AT-Höfen
www.ast.at

FSB booth:
Hall 9.1 | Stand D038 F039

AST is a global enterprise network with its headquarters in Höfen / Austria. With subsidiaries and associated companies in Germany, Switzerland, Sweden, Canada and China, we guarantee our customers short ways and, above all, a constant on-site accessibility. In addition, we are constantly expanding the very successful and globally branched and highly professional network of partners and competencies.

Consulting / Product Development / Construction / Production / Project Management / Installation / Maintenance ... AST has brought all this under one roof. It is the prerequisite for being able to offer our customers holistic solutions. We are innovation leaders, technology drivers and market leaders for ice rink technologies, developers and manufacturers of high-quality dasher board systems, but also distributor of ice resurfacing machines and ice rink accessories. Since its founding more than 30 years ago, our customers benefit from solutions for mobile, partly mobile and permanent ice rinks, thermal solar systems for swimming pools and artificial turf heaters. Through innovative, energy and cost-efficient solutions, we have achieved many triple AAA projects and sports facilities over the years.

Whether it is a temporary ice rink on the summit of an alpine peak, an ice rink renovation with heat recovery, an impact absorbing ice hockey board or the installation of an efficient solar pool heating system, the product range of the ISO-certified AST is quite diverse and meets all quality requirements.

AST has many years of experience and integrates all aspects and requirements into the development and optimization of its products and services. Not only does AST focus on saving time and money, it also focuses on tailoring each solution to the prevailing needs. Feasibility studies and reliable calculations provide full control, and year after year we fulfill our customers' expectations with leading solutions expertise.



Hauraton GmbH & Co. KG
DE-Rastatt
www.hauraton.com

FSB booth:
Hall 10.2 | Stand B028 C029



For more than 60 years HAURATON has been developing, producing and marketing new technologies and products for the public, commercial and private sectors as an expert in rainwater treatment. The core business is high-quality and modern drainage solutions that can withstand heavy loads or maximum speeds. Rainwater is controlled and reliably drained with the HAURATON channel systems, cleaned if necessary and can be infiltrated on site.

HAURATON often breaks new ground to make effective products even more efficient. Many of today's modern solutions and product innovations are regarded as technological milestones in the field of rainwater management.

HAURATON channels are in use all over the world. The reference list includes numerous well-known projects, the most recent of which include the Formula 1 racetrack in Hanoi and the major airport in Istanbul.

With a total of 20 subsidiaries and an international sales network in more than 70 nations worldwide, HAURATON is one of the European market leaders.

In July 2019 HAURATON received the Environmental Technology Award Baden-Württemberg in the category emission reduction, treatment and separation for the SPORTFIX CLEAN channels.



Jakob AG
CH-Trubschachen
www.jakob.com

FSB booth:
Boulevard | Stand B003

Jakob Rope Systems is a Swiss producer of stainless steel cables and wire mesh as well as a supplier of fibre ropes and hoisting equipment. Established in 1904 in Trubschachen, in the Emmental valley, the family-owned company produces in its main headquarters in Trubschachen and its branch in Saigon, Vietnam.

Jakob Rope Systems products are renowned for their quality and aesthetics. The stainless steel cables have been used in projects worldwide and set standards for the construction industry. The stainless steel net "Webnet" is an extremely strong and pliable mesh system with unsurpassed elegance: With a translucency of up to 99 percent, the net is almost invisible, yet highly robust. The stainless steel material gives our products durability, which makes it virtually maintenance free.

The cables and wire meshes are extremely versatile for the use in construction are suitable for a large number of applications. For example façade greenings, animal enclosures or observation platforms, which appear almost invisible to the naked eye. As a certified fall protection, Webnet provides safety with minimal visual impact. At sports grounds and in multifunctional sport halls, Webnet can be used as an invisible fence to stop balls or as wall paneling that protects technical equipment. The assortment of fibre ropes, nets and steel cables provide plenty of choice for playground and high wire park designers.

Jakob Rope System's portfolio also includes a comprehensive range of services that covers all aspects of the construction of cable and net structures. With the experienced in-house engineering team, they strive to tackle even the most complex projects. They will accompany your project right from the start: from the planning and engineering to the final installation and maintenance on site.



Labor Lehmacher Schneider
GmbH & Co. KG
DE-Osnabrück
www.l-l-s.de

FSB booth:
Hall 10.2 | Stand D070h



Located in the heart of Europe and with over 30 years of sports facility testing experience ISO 17025 accredited Labor Lehmacher | Schneider offers a comprehensive range of testing, research and development services which may be commissioned for laboratory or on site application. The range of testing includes specific domestic standards as well as international Federation standards from World Rugby, FIFA and FIH. Personal consultancy secures individual high quality solutions whatever your project requires.

We offer consultancy and laboratory analysis fulfilment:

- Consultancy on construction, maintenance and renovation of artificial turf pitches, Natural turf pitches and synthetic surfaces
- Special expertise in construction, maintenance and renovation of natural turf pitches
- Enforcement of on-site security inspections of sports venues

Beside World, Rugby and FIH our expertise and consultancy are also valued by the DFB as well as a number of federations and top level clubs like Borussia Dortmund or Bayer Leverkusen. Our comprehensive range of testing, research and development services is unique in Germany. Our customers in artificial turf testing include the major manufactures. We using our know-how from small remote villages up to large cities in Germany and all over Europe. Our comprehensive range of testing, research and development services is unique in Europe.

Our services comprise subsoil investigation; pragmatic laboratory analysis for soil-mechanical, soil-physical and soil-chemical properties; and issuing of survey reports. Our laboratory offers testing and certification of artificial turf systems. We execute artificial weathering and UV simulation.



PARKITECT AG
CH-Speicher
www.parkitect.ch

FSB booth:
Hall 7.1 | Stand F051

More physical activity needed: We believe that the solution is to install fun and inspirational structures that appeal to the largest number of potential users as possible, in as close proximity to residences as possible. With well over 400 installations in more than 40 countries, our multiple award winning Modular Pumtrack has proved to be an effective way to inspire non-athletes to get physically active within their communities on a regular basis.

The PARKITECT Modular Pumtrack allows riders to use their body weight, gravity and momentum to push themselves around the track rather than relying on peddling or pushing traditionally. The track can be enjoyed by many forms of wheeled sports including bikes of all sizes, scooters, skateboards and roller blades. Often wheeled sports equipment is used for transportation and / or leisure. The Modular Pumtrack focuses on the leisure side. Other structures such as cycle trails and skate parks are more geared towards specific user and age groups, and sometimes are not suitable for beginners or children. The Modular Pumtrack is specifically designed to pack as much fun-per-square-meter for as many users as possible into one structure. The fundamental design principal: to allow anyone, of any age, of any ability, riding any kind of wheeled sports equipment, to enjoy riding around the track safely and comfortably. The Modular Pumtrack bridges the generation gap allowing families to come together and enjoy their exercise all in one place and all at the same time.

Most installations are in the public sector, including cities, towns, schools and sport / leisure facilities. Most commonly in the private sector are holiday resorts and adventure parks seeking an innovative experience for guests. The structure has an unobtrusive, modern design which looks attractive in any environment. All PARKITECT Modular Pumtracks are made in Europe out of sustainable materials. They are suitable for any environment and can be installed permanently, semi-permanently, or even seasonally.

polytan

Polytan GmbH
DE-Burgheim
www.polytan.com

FSB booth:
Hall 10.2 |
Stand A009a and C010 D011

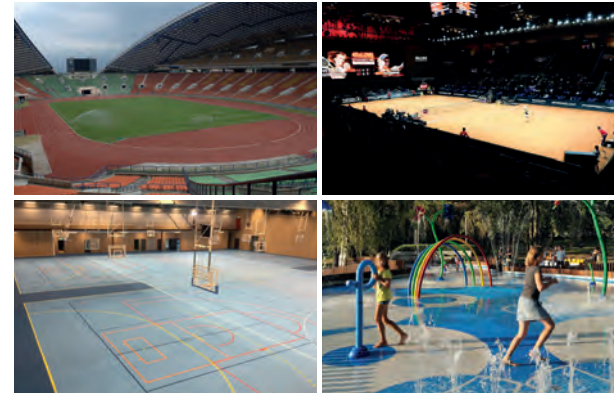


Athletics on synthetic tracks, football on synthetic turf: what now seems perfectly natural was still a rarity back in 1969. That was the year the first chapter in the story of Polytan, today one of the world's leading manufacturers of sports surfaces for outdoor use, was written. As well as developing, manufacturing and fitting its own sports surfaces, the spectrum of services also includes line markings, repairs, cleaning and maintenance. Polytan is a member of Sport Group Holding, which also has its headquarters in Burgheim. The group now comprises 20 companies from nine different countries and has a total workforce of around 1,900.

While it all began with synthetic surfaces 50 years ago, the product range now includes high-speed running tracks, all-weather pitches, tennis and handball courts, soft-impact surfaces as well as synthetic turf systems for football, hockey, rugby and multipurpose pitches. All products meet current national and international standards and are duly certified by international sports federations such as FIFA, FIH, World Rugby and IAAF.

The worldwide success of Polytan sports surfaces is based on the design of the system: all components, such as the elastic layer, the infill crumb, the surface coating and the "synthetic turf carpet", are designed differently and combined to meet the requirements. This allows Polytan to deliver a synthetic turf system comprising an elastic layer, shorter synthetic turf filaments that need less in the way of infill crumb and offer better playing characteristics, and synthetic granulate as infill that consists to as much as 70 per cent of natural materials such as chalk and hemp.

Also with a view to improving sustainability, the company has developed a synthetic turf for the 2020 Olympic Games in Tokyo that consists in part of renewable raw materials. This sports surface was developed in cooperation with Braskem, the world market leader in bioplastics, and is one of the first three products in the new Green Technology range from Polytan.



Porplastic
The sports brand by **viacor**.

PORPLASTIC Sportbau
von Cramm GmbH
DE-Rottenburg
www.porplastic.de

FSB booth:
Hall 10.2 | Stand F030

PORPLASTIC is the sports flooring brand of VIACOR Polymer GmbH. The entire product range is manufactured and tested in the company-owned production facility in Rottenburg am Neckar, Germany. In addition to providing flooring solutions for tennis, the PORPLASTIC product portfolio also extends to running tracks, artificial grass and multi-purposes fields and indoor sports flooring. Every product has been extensively researched and developed and all sports surfaces are manufactured exclusively by VIACOR Polymer GmbH in Rottenburg.

Since 2017 PORPLASTIC is the official court installer and sponsor of the Porsche Tennis Grand Prix in Stuttgart – the WTA tournament has been voted several times as the most popular tournament in its category.

Professionally accredited organisations regularly carry out stringent quality control of the PORPLASTIC sports products and only the highest quality can guarantee the best performance. VIACOR Polymer GmbH specialises in waterproofing, industrial, carpark and sports flooring from traditional floor coatings through to bespoke solutions tailored to the customer's requirements.

VIACOR and PORPLASTIC is synonymous with experience and specialist expertise, which has delighted customers worldwide for many years and will continue to do so.

All congress tickets include entry for the international trade shows FSB and aquanale as well as many other benefits.

The following ticket rates are valuable for bookings until 30 September 2019:

4-day Congress ticket

IAKS members	270 EUR
Non-members	395 EUR

1-day Congress ticket

	5 Nov	6 Nov	7 Nov	8 Nov
IAKS members	96 EUR	96 EUR	144 EUR	48 EUR
Non-members	144 EUR	144 EUR	216 EUR	72 EUR

Awards Gala with Prize-Giving Ceremony

IAKS members	100 EUR
Non-members	125 EUR

Information and tickets: www.iaks.sport

Congress Centre North of Koelnmesse

Messeplatz 1
Entrance North
50679 Köln-Deutz (Germany)

IAKS

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www.iaks.sport

Congress languages/Rooms

Congress sessions with presentations will have simultaneous translations for English and German language.
Room: CC North, Rheinsaal 1-4

Congress workshops will be held in English language only.
Room: CC North, Rheinsaal 5



HALL LAYOUT 2019

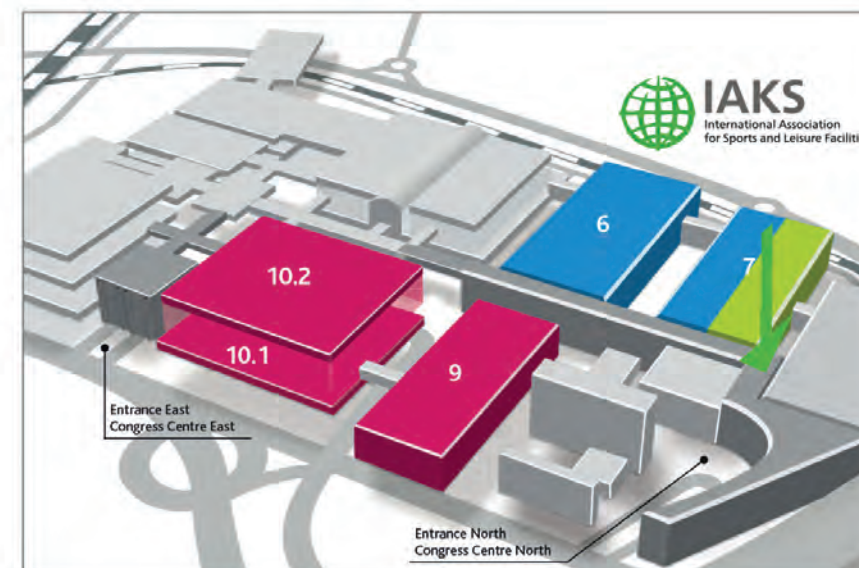


Photo: IAKS



IAKS

International Association
for Sports and Leisure Facilities

www.iaks.sport



Photo: Rasmus Hjortshøj