



FIG Working Week 2021

Kraków, Poland

# Welcome letter



Miłka Pietrzak  
Vice President  
Association of Polish Surveyors

Dear colleagues and friends,

I would like to take this opportunity to invite you to the beautiful and historical Krakow. It would be a great honour for us to host the FIG Working Week 2021 in Poland. We are convinced that Poland may offer many attractions for you, both, as for surveyors, as well as during the days before or after the working. We do hope that you will enjoy your visit to Poland and will be willing to come back in the future. Poland is a very interesting country: it is the country of Copernicus, who stopped the Sun and moved the Earth, it is also the country of John Paul II, who was born close to Krakow, in Wadowice. It is also the country where the Solidarity movement was initiated, which then - within a decade - resulted in the collapse of the "old, good" communist system. And finally, Poland is also the country of beautiful nature, beautiful mountains, lake districts and beaches over the Baltic Sea.

Within the social programme of the Working Week you will be offered the opportunity to visit very interesting places located close to Krakow and take part in cultural events presenting the Polish traditions. Krakow is one of the oldest cities in Poland and the seat of the Jagiellonian University, the oldest one in Poland. Krakow is well known as the former capital of Poland and the present capital of Małopolska region; it is filled with treasures of the past satisfying the expectations of even the most demanding admirers of architecture and art. Taking advantage of being there, particularly in the summer, you will have the unique opportunity to visit the very famous Krakow Historic Centre, as well as the Wieliczka and Bochnia Royal Salt Mines. If you decide to arrive earlier or to stay longer in Poland, you may go to the south, to see beautiful Tatra Mountains, the "Polish Alps" with their landscapes, shelters, you may take the cableway and reach Kasprowy Wierch with its meteorological observatory. In Zakopane, being the winter capital of Poland, you will enjoy good food, you will listen to the folk music and rest. But if you decide to go the north, you will be able to visit Warsaw, the capital of Poland, with its many attractions, including Żelazowa Wola, the Chopin's house, and then go to Gdansk, and further, to the Baltic seaside. If you have more time you may visit the Białowieża Forest, the oldest forest in Europe, you may visit many national parks, many historical places, palaces, castles. Whenever you go you will enjoy your stay and you will feel at home.

We are convinced that Poland and Krakow are the perfect places to exchange the scientific and professional knowledge in surveying, and also to enjoy cultural and social events - by the participants and by the accompanying persons.

**Hope to see you all in Krakow!**

# Letters of support



REPUBLICA POLSKA  
GŁÓWNY GEODETA KRAJU

Warsaw, 30th November 2016.

Ms Tonis Fris-Hansen  
Director of FIG Office  
International Federation of Surveyors - FIG

Sehr geehrte Frau Direktor,

Ma'am Director,

Wiedząc, że wśród lokalizacji  
zapytanych pod uwagę jako miejsce organizacji  
Tygodnia Roboczego oraz Zgromadzenia  
Generalnego Międzynarodowej Federacji  
Geodetów w 2021 roku znalazł się Kraków  
w pełni popieram starania Stowarzyszenia  
Geodeta Polskiego.

Knowing that among other locations  
taken under consideration as a venue for the  
Working Week and the General Assembly of  
the International Federation of Surveyors in  
the year 2021 there is also the city of  
Krakow, I fully support the efforts of the  
Association of Polish Surveyors in this  
respect.

O tym, że Kraków to wyjątkowe  
miejsce mogli przekonać się uczestnicy  
Konferencji INSPIRE w 2010 roku.  
Ciepłe kongresowe o wysokim standardzie,  
liczne atrakcje turystyczne, i wydarzenia  
kulturalne na długo zapisały się w pamięci  
wszystkich uczestników w Krakowie.  
To lokalizacja, która nie tylko spełnia  
wymagania stawiane międzynarodowym  
konferencjom, to miejsce gdzie warto  
odwiedzić by poznać polską kulturę  
i historię.

Krakow has proven its unique  
character and logistical capabilities hosting  
successfully many "geospatial" events  
including European Commission's INSPIRE  
Conference in 2010. Convention centers with  
a high standard, numerous tourist attractions  
and cultural events for a long time engage in  
the memory of the participants.

Możliwość organizacji tak ważnego  
spotkania w Polsce byłaby wielkim  
wyróżnieniem zarówno dla administracji,  
organizacji profesjonalnych geodetów  
 oraz całej branży. Już dziś zapraszam  
do odwiedzenia naszego kraju.

This location meets not only the  
requirements of international congresses, but  
also is also the best place to visit, to  
facilitate know Polish culture and history.

Jestem przekonana, że Polska  
gościnność i klimat Krakowa pozytywnie  
wpłyną na ocenę oferty Stowarzyszenia  
Geodeta Polskiego.

The possibility of organizing such an  
important meeting in Poland would  
be a great honor for both public  
administrations, professional organizations  
and surveyors across the industry. It is my  
great pleasure inviting you to visit our  
country.

Yours sincerely,

pa: GŁÓWNY GEODETA KRAJU

*Marta*  
Aleksandra Jabłońska

Przez pocztę: ul. Łazienkowska



## SENAT RZECZYPOSPOLITEJ POLSKIEJ



MARSZAŁEK SENATU  
RZECZYPOSPOLITEJ POLSKIEJ

*Stanisław Karwowski*

GMS-042-33/16

Warszawa, 11 stycznia 2017 r.

Pan  
Stanisław Cegielski  
Prezes  
Stowarzyszenia Geodetów Polskich

*Stanisław Cegielski*

z satysfakcją przyjąłem informacje, że Stowarzyszenie Geodetów  
Polskich czyni starania o organizację Tygodnia Roboczego Międzynarodowej  
Federacji Geodetów w 2021 r. (2021 Working Week) w Krakowie. W pełni  
popieram ten zamysł.

W ostatnich latach Polska była gospodarzem wielu prestiżowych  
wydarzeń międzynarodowych m.in. Szczytu NATO i Światowych Dni  
Młodzieży w 2016 r. Nasza administracja sprostала organizacyjnie  
i merytorycznie tym wyzwaniom. Goście mogli czuć się bezpiecznie,  
co zbudowało pozytywny wizerunek naszego kraju na arenie  
międzynarodowej.

Stowarzyszenie Geodetów Polskich jest organizacją pozarządową  
o długiej historii i zrzesza osoby o wybitnej wiedzy zawodowej i bogatym  
doświadczeniu organizacyjnym. To gwarantuje, że program Tygodnia  
Roboczego FIG w 2021 r. obejmie zagadnienia najważniejsze dla środowiska,  
a do udziału zaproszone zostaną osoby o niezaprzeczalnym autorytecie  
środowiskowym.



## MINISTRY OF INFRASTRUCTURE AND CONSTRUCTION



REPUBLIC OF POLAND  
MINISTER  
OF INFRASTRUCTURE AND CONSTRUCTION

Warsaw, 15 December, 2016

DB 7 070.23.2016.MS  
NK: 2 58 34 0 16

Dr. Chryssy A. Potloui  
President  
International Federation of Surveyors

Dear Ms. President,

on behalf of the Minister of Infrastructure and Construction, I express our full support to the efforts of the  
Association of Polish Surveyors in organizing the Working Week of the International Federation of Surveyors  
in the year 2021 in Poland.

The Association of Polish Surveyors is the largest Polish organization representing surveying practitioners  
within our country, which contribution to the development of geodesy in last nearly 100 years is significant.

Polish surveyors associations are members of the International Federation of Surveyors since 1926. Since  
then, Poland has organized FIG's General Assembly three times: in 1932 in Warsaw, in 1959 in Krakow, and  
lastly in 1985 in Katowice.

Furthermore, under the auspices of the International Federation of Surveyors, in 1988 the Association  
of Polish Surveyors organized the first World Cadastre Summit in Warsaw.

Taking into consideration the experience and competencies of the Association of Polish Surveyors, in case  
of choosing Krakow as a venue for the Working Week of the International Federation of Surveyors in 2021,  
I am convinced that the event will be carried out efficiently and will be positively perceived by its participants.  
The choice of Krakow as a venue will be great honor for the whole Polish survey community.

We will be honored to host this prestigious event in our country.

*Tomasz Zuchowski*  
On behalf of  
MINISTER  
OF INFRASTRUCTURE AND CONSTRUCTION  
*Tomasz Zuchowski*  
Deputy Minister

# Association of Polish Surveyors (SGP)



## Historical background

- 1916 The first surveyor's organization was established at the Polish territory under the name "The Union of Surveyors".
- 1926 Professional Organization of Polish Surveyors joined International Federation of Surveyors (FIG)
- 1927 Polish surveyors hosted the FIG Permanent Committee Meetings in **Warsaw**
- 1959 Polish surveyors hosted the FIG Permanent Committee Meetings in **Kraków**
- 1985 Polish surveyors hosted the FIG Permanent Committee Meetings in **Katowice**

## Organization

- a voluntary organization of individuals being professional surveyors due to the diploma certifying education in land surveying
- SGP has its own "Statute" and "Code of Ethics"
- SGP has regional branches coinciding generally with provinces of the country
- SGP Convention takes place every three years

# Organizing Committee



MSc. Stanisław  
Cegielski  
President



Prof. Andrzej Hopfer  
FIG Honorary Member



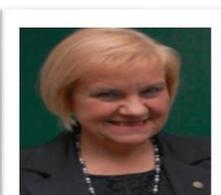
PhD. Ludmiła  
Pietrzak  
Vice President



PhD. Andrzej  
Pachuta  
Vice President



PhD. Krzysztof  
Bakula



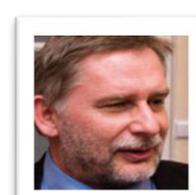
Elżbieta Biel  
President of  
Kraków  
Association  
of Surveyors



PhD. Małgorzata  
Buško



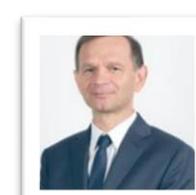
PhD. Paweł  
Hanus



MSc.  
Włodzimierz  
Kędziora -  
General  
Secretary



Prof.  
Krystian  
Pyka



PhD.  
Janusz  
Walo  
Member of  
the Board



MSc. Jarosław  
Wysocki

# Supporting organisations



MINISTRY  
OF INFRASTRUCTURE  
AND CONSTRUCTION



Ministry  
of Digital Affairs



**Geodezyjna  
Izba Gospodarcza  
od 1994 roku**

*Geodetic Chamber of Commerce*



**Polska Geodezja Komercyjna**  
Krajowy Związek Pracodawców Firm  
Geodezyjno-Kartograficznych

*National Union of Employers  
of Geodesy and Cartographic Companies*



*Polish Society for  
Photogrammetry and Remote Sensing*



*Warsaw University of  
Technology Faculty of Geodesy  
and Cartography*



*University of Warmia Mazury in Olsztyn  
Faculty of Geodesy, Geospatial and Civil Engineering*



*Polish Association for  
Spatial Information*



**WGGiŚ**

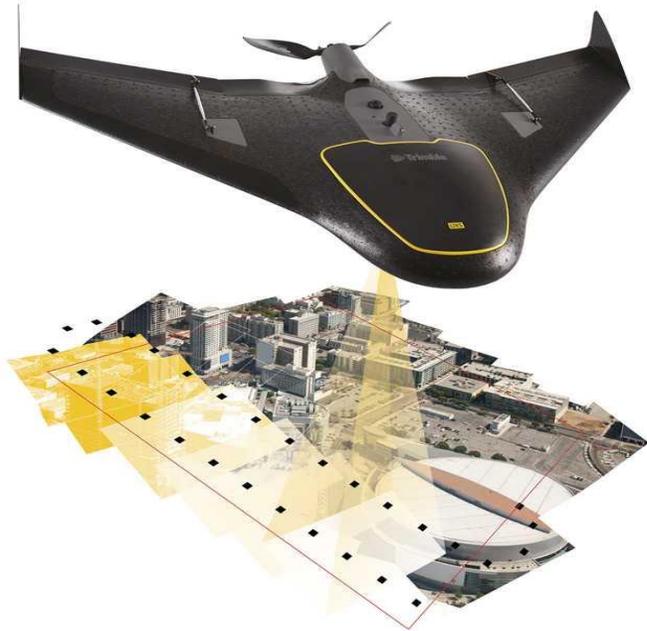
*AGH University of Science and Technology  
Faculty of Mining Surveying and  
Environmental Engineering*



*Local journal of geodesy science.  
The owner is Association of Polish Surveyors*



# Towards the excellence in measurements



- excellence in measurements in the field of: hydrographic surveys, engineering surveys, cadastral surveys...
- excellence in measurements of: land, forest, constructions...
- excellence in measurements in: villages, cities, mega cities, areas of informal settlements...
- excellence in measurements using modern technologies: GNSS, precise instruments, laser scanners...
- excellence in measurements from: ground (GNSS, Total stations...), air (UAV...), underground (LIDAR platforms...)
- Covering the scope of All FIG Commissions' activities.
- Creating a platform of exchanging of information between The Highest Level of Professionals from FIG family and Friendly Organizations like FAO, World Bank, UN-Habitat GLTN...

# Why Poland



**HIGH STANDARD OF  
SERVICES**

**RICH HISTORY**

**GREAT LOCATION AND  
ACCESSIBILITY**

**AFFORDABLE PRICES**

**PERFECT  
ACCOMMODATION**

**RAPIDLY GROWING  
ECONOMY**

# Facts about Poland

Area:	312 679 square km
Population :	38 mln inhabitants
Economy:	6th largest in UE
UNESCO list:	14 sites
Member of European Union:	since 1.05.2004
Currency :	Polish Złoty
HDI (Human Development Index):	36th on the world

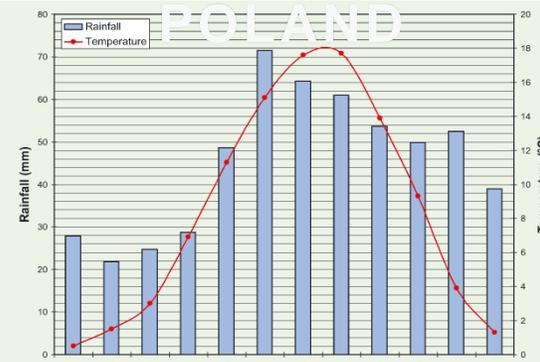
## CURRENCY EXCHANGE RATES

EUR	4,3945
USD	3,8724
CHF	4,0355
GBP	5,6736

The National Bank of Poland, 20.06.2016



## CLIMATE IN POLAND



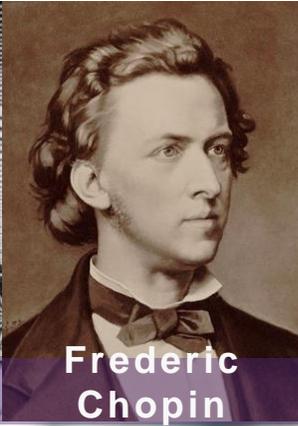
Institute of Meteorology and Water Management, [www.imgw.pl](http://www.imgw.pl)



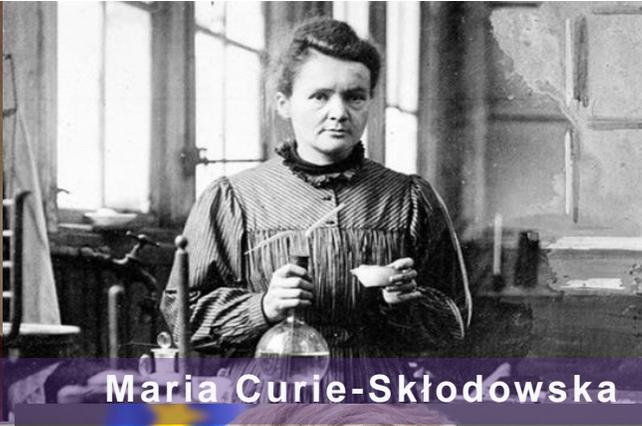
# Famous Poles



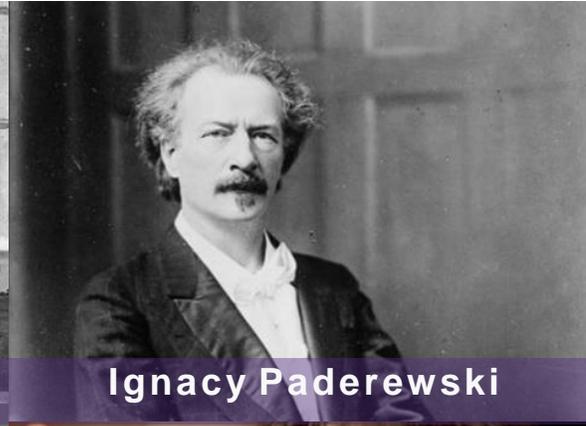
Nicolaus Copernicus



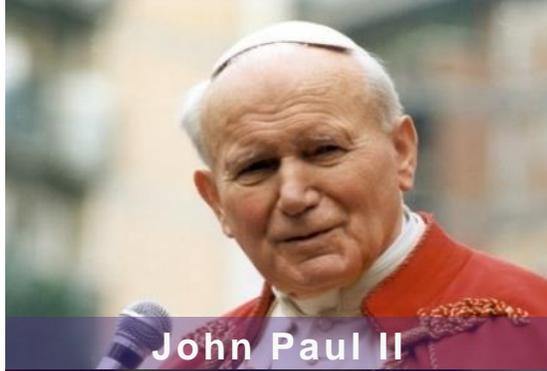
Frederic Chopin



Maria Curie-Skłodowska



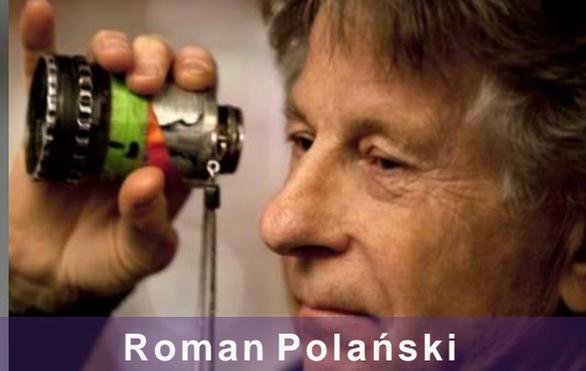
Ignacy Paderewski



John Paul II



Donald Tusk



Roman Polański



Agnieszka Radwańska



Robert Lewandowski



Lech Wałęsa

Donald Tusk

# Why Krakow



- UNESCO heritage
- Tasty cuisine
- Affordable hotels
- Flight connections
- Nice weather
- Living culture

# Tourist attractions

**WAWEL HILL**



**JEWISH DISTRICT**



**AUSCHWITZ-BIRKENAU STATE MUSEUM VISIT**



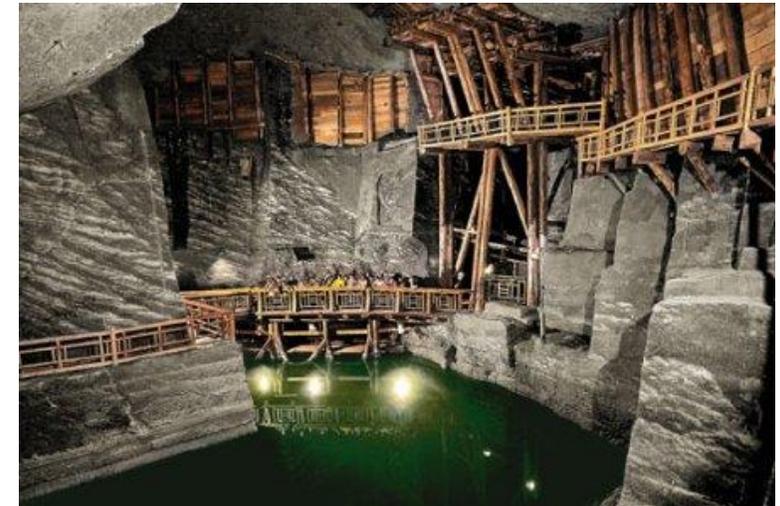
**POLAND'S WINTER CAPITAL: ZAKOPANE**



**RAFT RUN DOWN THE DUNAJEC RIVER**



**WIELICZKA SALT MINE**



# Krakow Accessibility

## FLIGHTS TO Krakow

Easy to access!

- ✓ 2nd largest airport in Poland
- ✓ 10 km and 15 minutes from the city centre
- ✓ 80 scheduled flights to 20 countries
- ✓ 388 airports reachable with one change
- ✓ Cooperating with 20 airlines



# Krakov Accessibility



Modern Balice Airport with regular connections to over 50 airports around Europe



Numerous connections to cities in Poland and Europe



Can be also easily reached by car through net of highways and expressways



Airports	Flight duration	Number of flights per week
AMSTERDAM	2h 5 min	34
ATHENS	1h 25 min	2
BARCELONA	2h 40 min	42
BERLIN	1 h 25 min	19
BRUSSELS	1 h 50 min	25
DORTMUND	1 h 40 min	8
FRANKFURT	1 h 30 min	28
HELSINKI	2h	9
COPENHAGEN	1h 30 min	20
LONDON	2 h 30 min	70
MADRIT	3h 25 min	6
MANCHESTER	2h 30 min	7
MEDIOLAN	1 h 50 min	34
MUNICH	1h 20 min	27
PARIS	2 h 20 min	47
ROMA	2h 5 min	36
STOCKHOLM	1 h 55 min	24
VIENNA	1h	21
ZURICH	1h 45 min	13

# Accommodation



## GOOD VALUE FOR MONEY

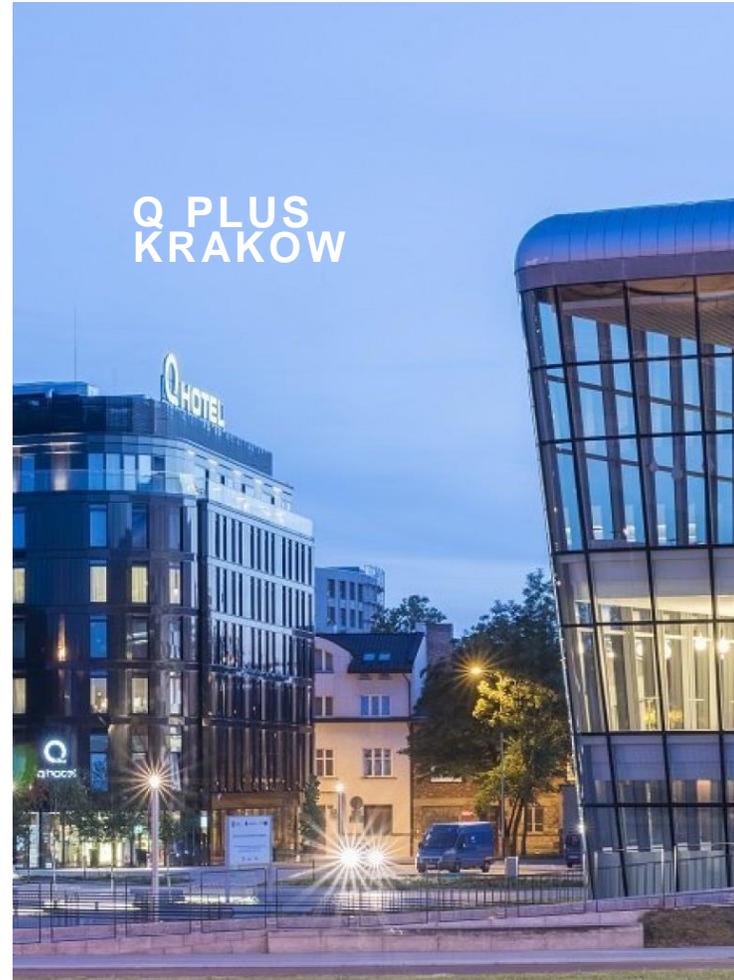
HOTEL STANDARD	NUMBER OF HOTELS	NUMBER OF ROOMS	AVERAGE PRICE
*****	10	978	150-200 EUR
****	27	2578	90-150 EUR
***	74	3438	60-90 EUR
**	18	957	50 EUR

## WORLDWIDE HOTEL CHAINS



# Accommodation

## HOTELS IN THE ICE KRAKÓW'S NEAREST SURROUNDINGS



# Social Events – Welcome Reception



## Option 1 ICE Krakow Congress Centre

The spacious foyer of the ICE Congress Centre is situated on the eastern side of the building (with a view of the Old City and Kazimierz) on three floors: F0 – 1800 m<sup>2</sup> (including the Theatre Hall), F1 – 1000 m<sup>2</sup> and F2 – 650 m<sup>2</sup>.

With impressive illumination it can perfectly play the function of an elegant public space with nice viewing area for standing cocktails.

# Social Events – Welcome Reception



## Option 2 Sukiennice Cloth Hall

Sukiennice - market hall build in 13th century, now one of the landmarks of Rynek Główny (Main Square) and Krakow Royal City.

On the first floor of Sukiennice there is National Art Museum located with exceptional paintings on the walls.

The cocktail is to be organized within the premises of this museum.

# Social Events – Cultural Evening



## **Option 1 Zalesie Manor**

Completely different world, located in Beskidy Mountains just 25 km away from the Main Market in Krakow.

The buildings of the complex are surrounded by forests, fields and meadows. The Zalesie Manor has 200 year long history and is a place where buildings were erected subsequently to form interesting rural architecture. The halls combined on one level can accommodate 700 persons in a sit down style, with a free dance room.

# Social Venues – Cultural Evening/ Gala Dinner



## Option 1 Old Tam Depot

This unique place is a former tram depot, established in 1913 with the launch in Kraków broad-gauge tram line.

It belongs to the group of architectural objects which is lawfully secured and in 1985 inscribed to the book of records of stunning monuments of the UNESCO list.

# Social Venues – Gala Dinner

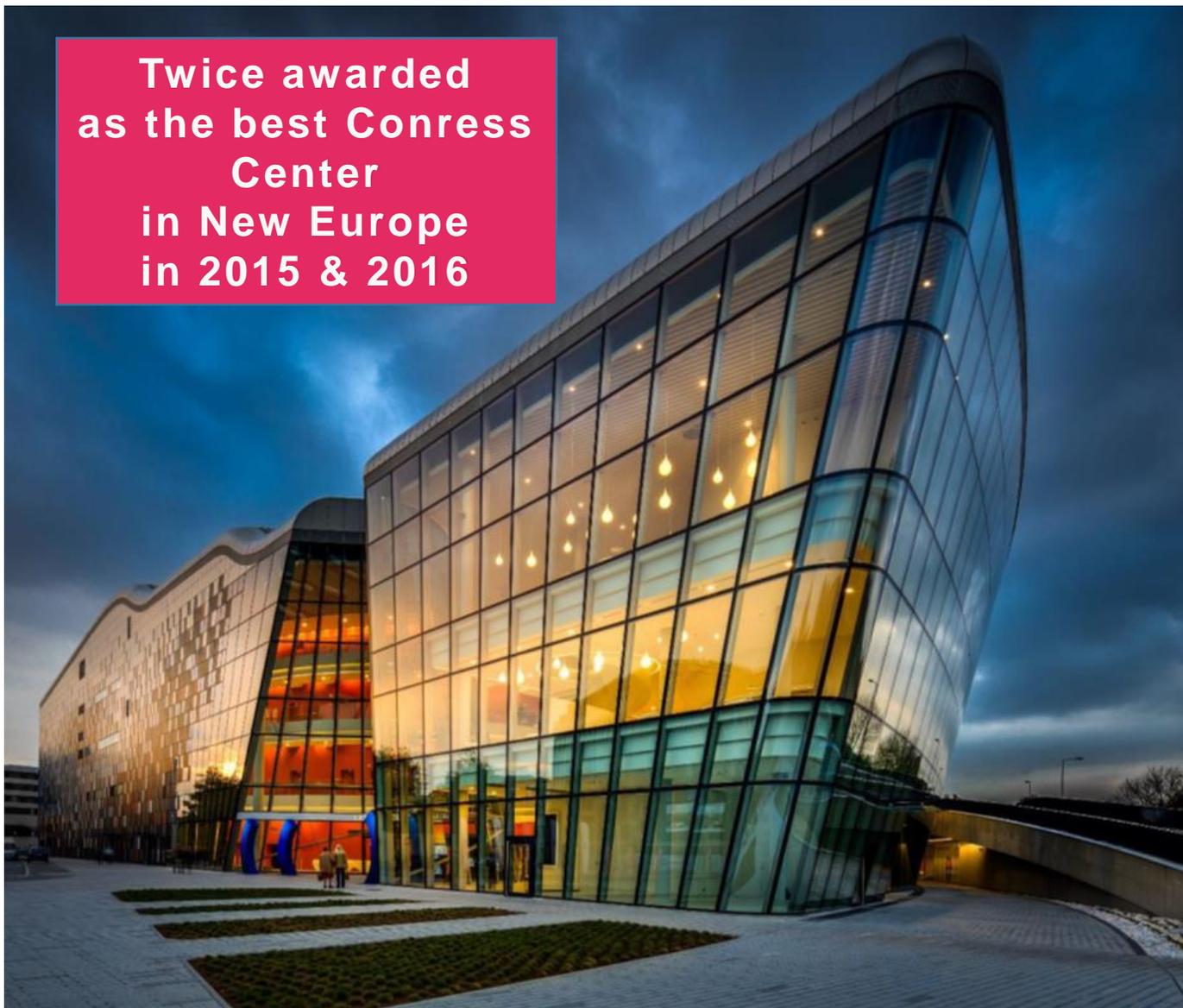


## **Option 2 Niepołomice Royal Castle**

The is located 25 km out of Krakow city centre. For centuries the castle was a royal residence. Beautifully restored is the real jewel of Renaissance architecture with beautiful cortyard that is usually a place for splendid and unforgettable galas.

# ICE Congress Centre

Twice awarded  
as the best Congress  
Center  
in New Europe  
in 2015 & 2016



## **Capacity & functionality**

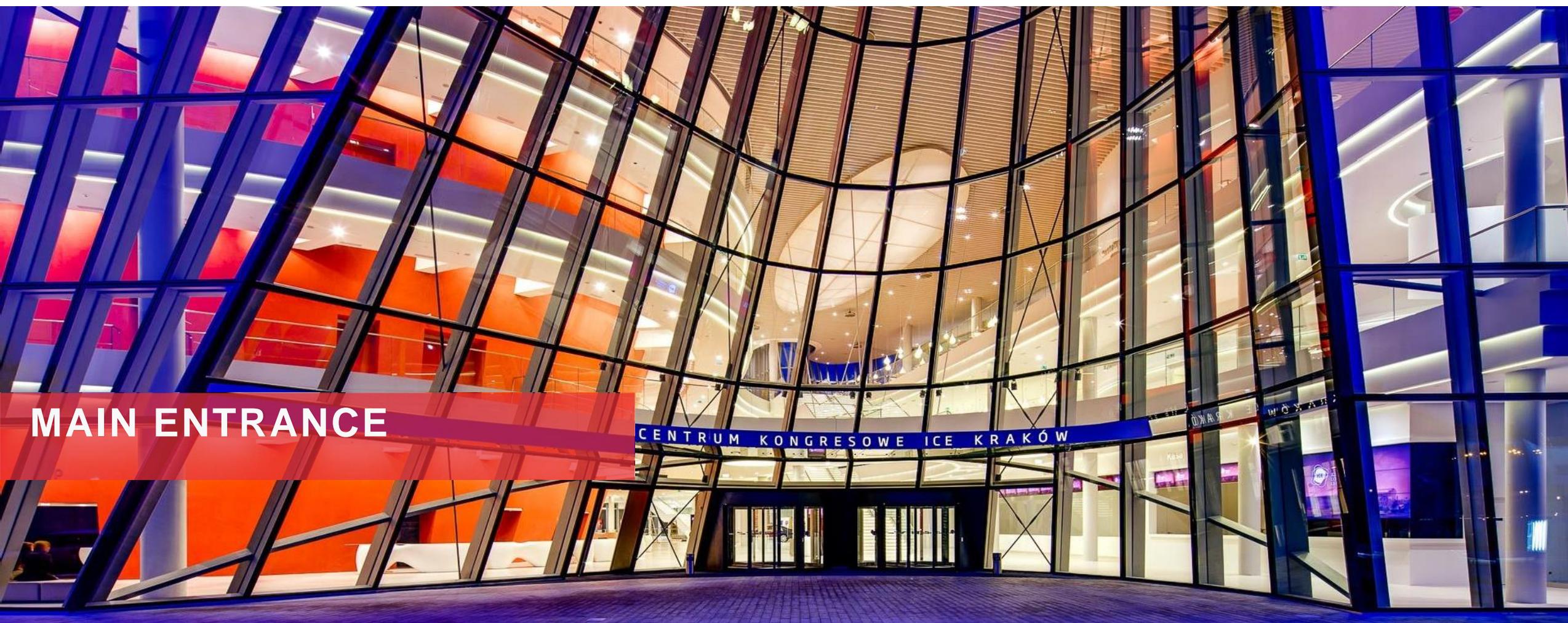
Three main halls at disposal: Auditorium Hall, Theatre Hall and Chamber Hall, which can accommodate a maximum of 2000, 600 and 300 persons, respectively. Additionally it has 32 multifunctional rooms.

## **Location & accessibility**

Located in the very heart of Kraków. The nearest bus and tram stop is located only 50 meters away from the entrance, with 5 tram lines and 20 bus lines providing access to the facility.

Opened in 2014.

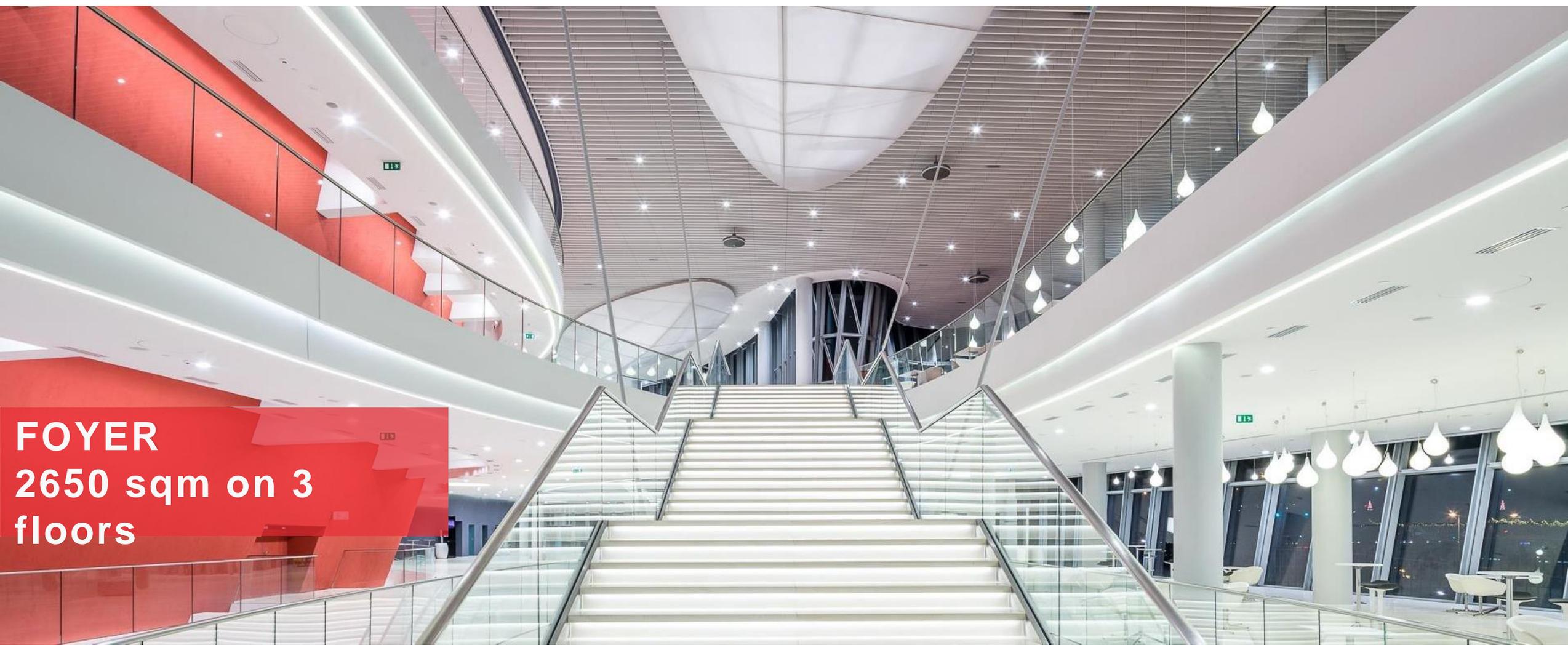
# ICE Congress Centre



**MAIN ENTRANCE**

CENTRUM KONGRESOWE ICE KRAKÓW

# ICE Congress Centre



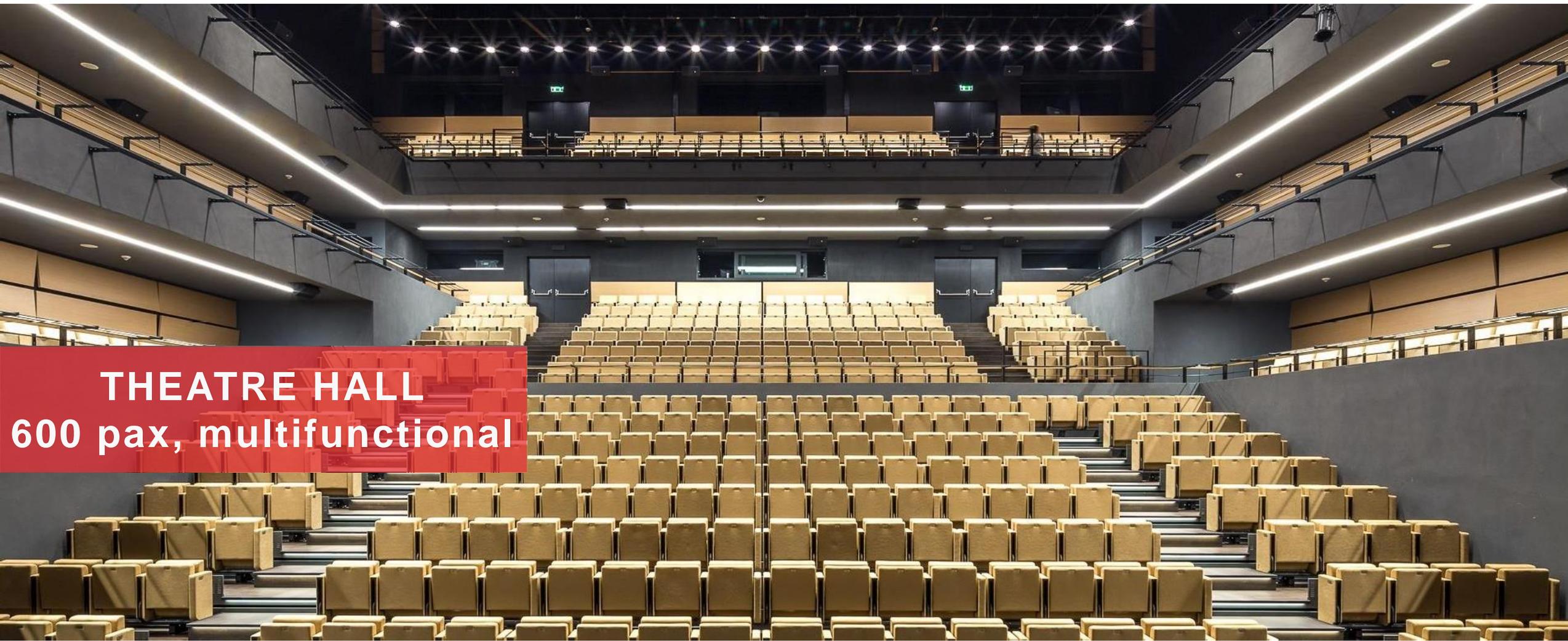
**FOYER**  
**2650 sqm on 3**  
**floors**

# ICE Congress Centre



**AUDITORIUM HALL**  
2000 pax, exceptional  
acoustics

# ICE Congress Centre



**THEATRE HALL**  
**600 pax, multifunctional**



**CHAMBER HALL**  
**300 pax or 2x150 pax**

# Let's make Władysław Surmacki's dream come true



Władysław Surmacki  
Past Vice-President of FIG  
FIG Honorary President

## Władysław Surmacki - facts

- Co-founder and President of the Polish Measuring Association
- Vice President of FIG within 1938-1942
- Poland entrusted the organization of the 7th Congress of FIG, which was supposed to take place in Warsaw in 1942. Unfortunately, the outbreak of World War II caused that the congress did not take place there.
- Shot in a mass execution in the Sękocimski forest near Warsaw on May 28, 1942
- FIG Permanent Committee at the XXI Congress in Brighton in 1998, passed a resolution on honoring posthumously Władysław Surmacki the title of FIG Honorary President.

THANK YOU FOR YOUR ATTENTION



FIG Working Week 2021

Kraków, Poland