



*Czech Lighting Society*



*Slovak Lighting Society*

## FOURTH INFORMATION



LIGHTING AT THE DAWN  
OF THE NEW ERA

**20 – 22 September 2022**

**14<sup>th</sup> European Lighting Conference**

**LUX EUROPA 2022**

**PRAGUE – CZECH REPUBLIC – HEART OF EUROPE**  
**Hotel OLYMPIK / ARTEMIS**

with kindful support of golden sponsor

**YD<sup>®</sup> ILLUMINATION**



# COMPANY PROFILE

**38** Years

Founded Years

**70<sup>+</sup>**

Products Sold Countries

**20000<sup>+</sup>**

Serviced Outdoor Projects

Founded in 1984, YD Illumination is a world-class LED lighting product manufacturer for outdoor decoration lighting luminaires and intelligent control system. YD Illumination possesses an experienced and skillful R&D team, technical and engineering team, design center, sales and marketing team, lighting measurement & test laboratory and manufacturing production.

The manufacturer strictly follows the ISO9001 quality management system accreditation and passed international certification of UL, CE, FCC BIS etc. YD Illumination possesses complete independent intellectual property patents of the LED Double Protection Packaging Technology.

## OUTDOOR LED LIGHTING PRODUCTS LIGHTING SYSTEM SOLUTIONS





# 1. INVITATION

On behalf of the organizers, Czech Lighting Society jointly with the Slovak Lighting Society, we are pleased to invite You to participate in the 14<sup>th</sup> European lighting conference LUX EUROPA 2022 which will be held from 20<sup>th</sup> to 22<sup>nd</sup> September 2022 in Prague – capital city of Czechia, cultural centre of middle Europe and an attractive touristic destination.

Aim of the conference is to present the newest scientific and professional knowledge and achievements in the field of light and lighting with emphasis on regionally specific problems of the European countries. State-of-the-art in lighting technology will be intermediated by reputable experts, who will share with You results of their latest work and recent professional experience. The conference will provide space for broad discussion, overview of modern and progressive lighting products, establishment of new business contacts and strengthen those existing. Manufacturers and trading companies will have opportunity to present their products, services and solutions.

Motto of the conference is „Lighting at the Dawn of the New Era“. Standing at the begin of the decade and looking towards new post-pandemic horizons, the conference would like to highlight key topics of today's lighting such as:

- LED lighting technology developments
- new approaches to daylighting of buildings
- human centric and integrative lighting
- utilization of optical radiation to support living organism
- germicidal radiation in cope with COVID-19
- specific lighting applications indoors and outdoors
- dynamic, adaptive and smart lighting
- photometry and colorimetry
- environmental aspects of antropogenic lighting
- increasing energy efficiency of lighting systems
- lighting education and professional training

The conference is intended for wider professional audience comprising lighting engineers, electrical engineers, architects, civil engineers – working as lighting designers, traders, suppliers, retailers, investors, implementers, researchers etc.

Social part of the conference will comprise boat trip on the Vltava river exhibiting touristic highlights of the Prague and gala dinner featuring traditional Czech folklore. We are also preparing an attractive programme for accompanying persons.

The conference LUX EUROPA 2022 is an ideal opportunity to learn something new, to meet colleagues and to establish new acquaintances. Book in Your calendar, we are looking forward to see You in Prague!



Dionýz Gašparovský  
*President of the Council Lux Europa*  
*Co-chairman of the Organization Team*



Tomáš Novák  
*Chairman of the Organization Team*

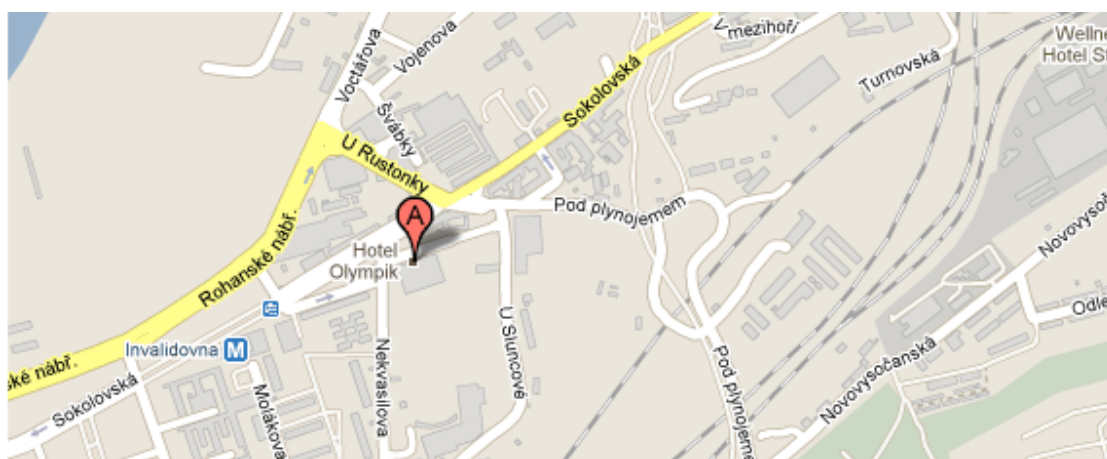
## 2. VENUE OF THE CONFERENCE

### **Hotels ARTEMIS \*\*\*\***

*U Sluncové 14, Praha 8 186 76*

*Recepce hotelu tel: +420 266 184 889*

*<https://www.olympik.cz/cz/artemis/>*



*Airport*  
*16 km / 25 minutes (taxi)*



*Historical centre*  
*10 minutes (metro)*



*Nearest metro station*  
*Invalidovna, 5 minutes walking*



### 3. CONFERENCE PROGRAMME AT A GLANCE

| September 20 (Tuesday) |       |             |   |
|------------------------|-------|-------------|---|
| 08:00                  | 08:30 | IRIS I      | REGISTRATION  |
| 08:30                  | 08:45 | Artemis 1–4 | Opening Session                                       |
| 08:45                  | 10:00 | Artemis 1–4 | KN1 Keynote Session                                   |
| 10:00                  | 10:30 | Triumf      | COFFEE BREAK  |
| 10:30                  | 12:00 | Artemis 1–4 | KN2 Keynote Session                                   |
| 12:00                  | 13:00 | Dining Hall | LUNCH   |
| 13:00                  | 14:30 | Artemis 1–2 | PS1A: Home, School and Retail Lighting                |
| 13:00                  | 14:30 | Artemis 3–4 | PS1B: Lighting for Drivers, Cyclists and Pedestrians  |
| 14:30                  | 15:00 | Triumf      | COFFEE BREAK  |
| 15:00                  | 16:30 | Artemis 1–2 | PS2A: Electrical and Daylighting in Buildings         |
| 15:00                  | 16:30 | Artemis 3–4 | PS2B: Adaptive Road Lighting                          |
| 16:30                  | 17:30 | Triumf      | Poster Session / Exhibition                           |
| 16:30                  | 17:30 | Tristar     | Lux Europa Council Meeting (only for invited members) |
| 17:30                  | 18:30 |             | EVENING BREAK   |
| 18:30                  | 22:30 |             | Boat trip on Vltava                                   |

| September 21 (Wednesday) |       |             |   |
|--------------------------|-------|-------------|---|
| 08:30                    | 10:00 | Artemis 1–4 | PL1 Plenary Session                               |
| 10:00                    | 10:30 | Triumf      | COFFEE BREAK                                      |
| 10:30                    | 12:00 | Artemis 1–4 | PL2 Plenary Session                               |
| 12:00                    | 13:00 | Dining Hall | LUNCH   |
| 13:00                    | 14:30 | Artemis 1–2 | PS3A: Non-visual Effects of Light                 |
| 13:00                    | 14:30 | Artemis 3–4 | PS3B: Outdoor Lighting Quality Criteria           |
| 14:30                    | 15:00 | Triumf      | COFFEE BREAK                                      |
| 15:00                    | 16:00 | Artemis 1–2 | PS4A: Horticulture Lighting and UV-C Disinfection |
| 16:00                    | 16:30 | Artemis 1–2 | CP1: Exhibitors' Session                          |
| 15:00                    | 16:30 | Artemis 3–4 | PS4B: Lighting Equipment & Systems                |
| 16:30                    | 17:30 | Triumf      | Poster Session / Exhibition                       |
| 16:30                    | 17:30 | Artemis 1–2 | Technical Meeting: EU Lighting Educators          |
| 17:30                    | 19:00 |             | EVENING BREAK                                     |
| 19:00                    | 22:30 | Dining Hall | Gala dinner                                       |

| September 22 (Thursday) |       |             |  |
|-------------------------|-------|-------------|--|
| 08:30                   | 09:30 | Artemis 1–2 | PS5: Road Surface Reflection Properties  |
| 09:30                   | 10:00 | Artemis 1–2 | CP2: Sponsors‘ Session   |
| 10:00                   | 10:30 | Triumpf     | COFFEE BREAK   |
| 10:30                   | 12:00 | Artemis 1–2 | PS6A: Photometry and Radiometry  |
| 10:30                   | 12:00 | Artemis 3–4 | PS6B: Obtrusive Light  |
| 12:00                   | 13:00 | Dining Hall | LUNCH  |
| 13:00                   | 14:30 | Artemis 1–2 | Technical Workshop WS1:<br>Practical solutions of integrative lighting installations |
| 13:00                   | 14:30 | Artemis 3–4 | Technical Workshop WS2:<br>Balancing the architectural lighting and light pollution  |
| 14:30                   | 15:00 | Artemis 1–2 | Closure and farewell   |

#### 4. PROGRAMME FOR ACCOMPANYING PERSONS

| September 20<br>13:00 – 16:00 | September 21<br>08:30 – 17:30       | September 22<br>09:00 – 12:00   |
|-------------------------------|-------------------------------------|---------------------------------|
| Highlights of Prague          | Český Krumlov:<br>medieval heritage | Prague old town<br>walking tour |

**Meeting Point:** Registration desk



Český Krumlov is a city in the South Bohemia region of the Czech Republic. It's bisected by the Vltava River, and dominated by its 13th-century castle. The castle has Gothic, Renaissance and Baroque elements, an 11-hectare garden and an original 17th-century baroque theater. There are panoramic views of the old town and the river from the top of its round belltower. The historic centre with the Český Krumlov Castle complex is protected by law as an urban monument reservation, and since 1992, it has been a designated UNESCO World Heritage Site



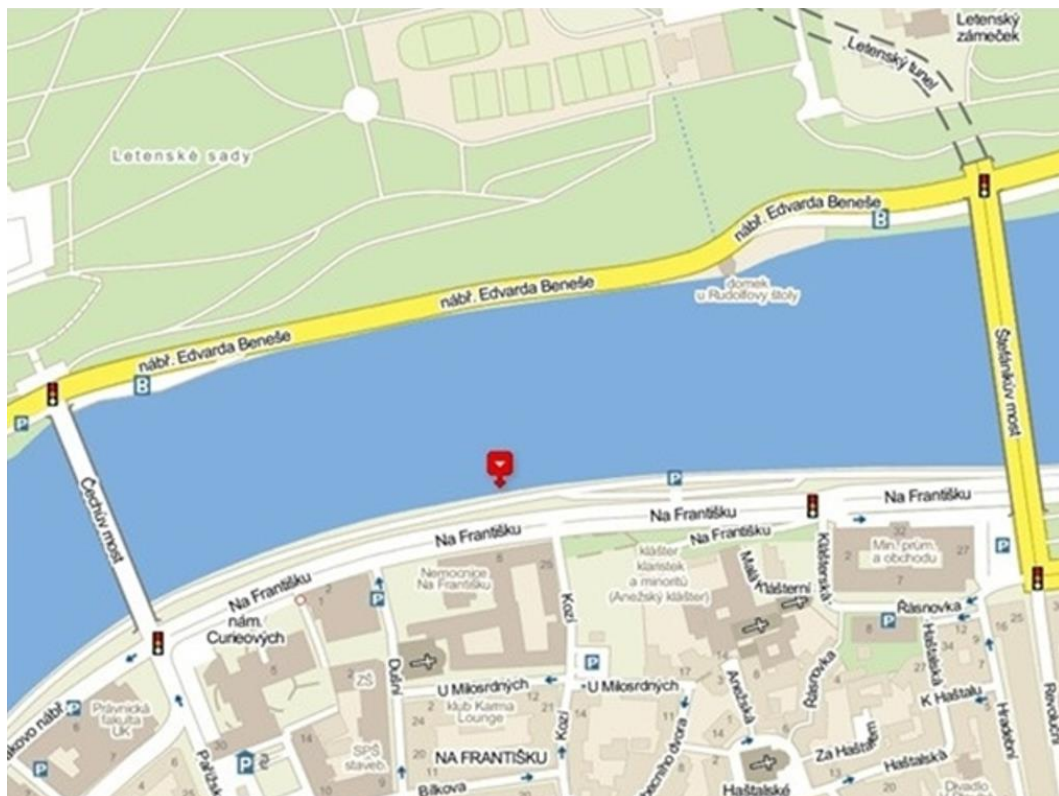
## 5. BOAT TRIP



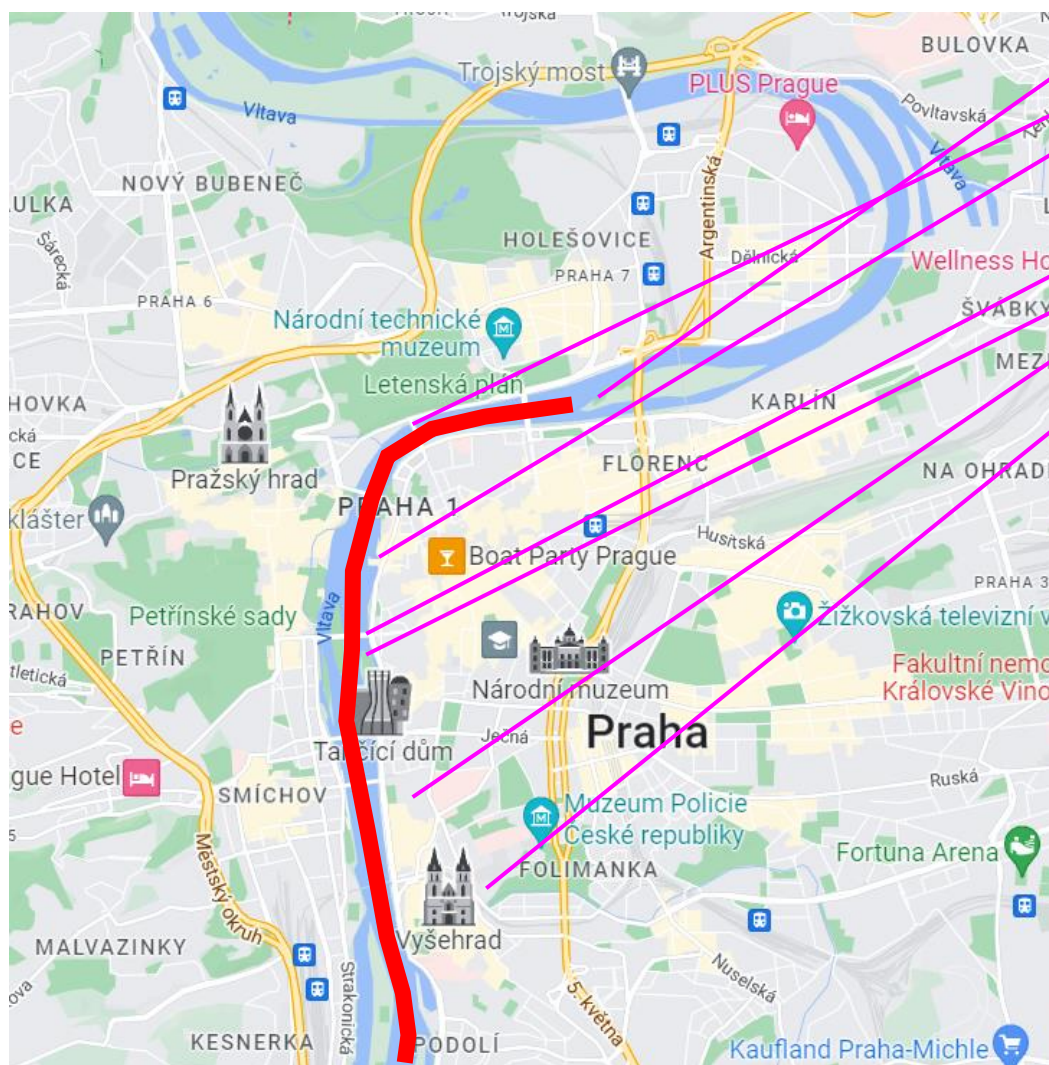
- 18:30 Shuttle bus from hotel Olympik to the port (be present in time!)
- 19:00 Embarkment, welcome drink
- 19:15 Buffet dinner with music, cruise along the Vltava river, observation of floodlighting
- 22:00 End of cruise, anchoring, disembarkment
- 22:15 Shuttle bus back to the hotel
- 22:30 Arrival

**Name of the ship:** CZECHIE

**Address of the port:** Na Františku, pier 14 (mólo 14) – if You do not come with the group



During the cruise, illumination of selected spots will be controlled remotely from the ship accompanied by explanatory words. Illumination control is showcased courtesy of the Technologie hlavního města Prahy.



cruising line

#### List of illuminated spots:

- Štvanice power station
- Czech's bridge
- Charles bridge
- Bedřich Smetana museum
- Sova's mills
- National theatre
- Žofín – Mánes
- Emauzy
- Water-tower Malostranská
- Vyšehrad historic fort
- St. Peter and Paul temple

## 6. GALA DINNER

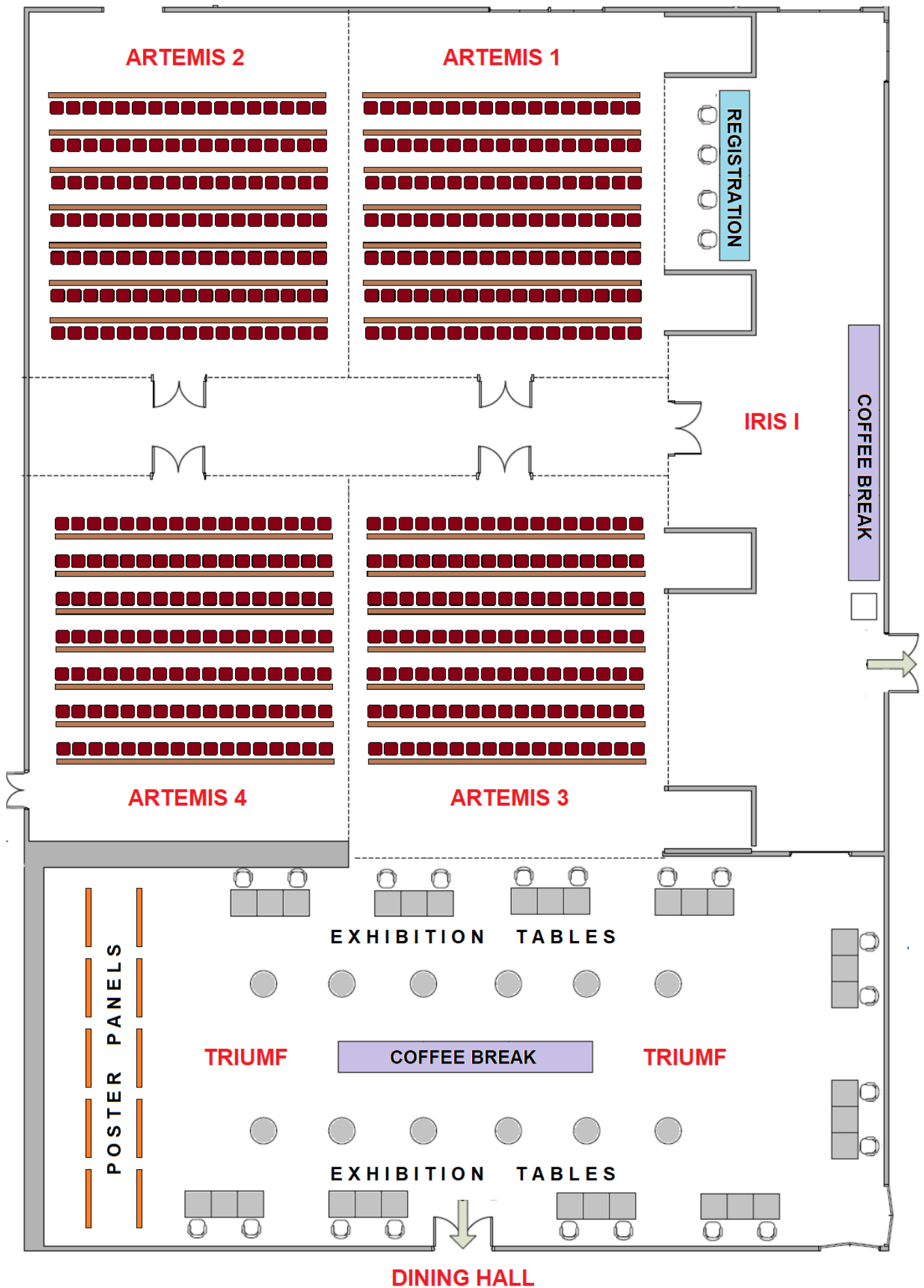
Gala dinner will take place at the hotel's dining hall. Cultural programme comprise live music and artistic performance.

## 7. CONFERENCE LAYOUT PLAN

ARTEMIS is a large conference hall consisting of four parts. Plenary sessions will occupy the entire hall entitled ARTEMIS 1-4. Parallel sessions will take place at the hall separated to two parts, ARTEMIS 1-2 and ARTEMIS 3-4.

The TRISTAR meeting room for invited Lux Europa Council members is not indicated in the floor plan. Follow navigation arrows or ask at the registration desk to navigate to the room.





## 8. LUX EUROPA COUNCIL

### *President:*

|                    |    |   |
|--------------------|----|---|
| Dionýz Gašparovský | SK | Slovenská svetelnotechnická spoločnosť (SSTS) |
|--------------------|----|---|

### *Members:*

|                        |    |   |
|------------------------|----|---|
| Peter Dehoff           | AT | Lichttechnische Gesellschaft Österreichs (LTG)      |
| Frédéric Leloup        | BE | Belgian Institute on Illumination (IBE-BIV)         |
| Kiril Kasev            | BG | National Committee for Lighting in Bulgaria (NKO)   |
| Mario Rechsteiner      | CH | Schweizer Licht Gesellschaft (SLG)                  |
| Tomáš Novák            | CZ | Česká společnost pro osvětlování (ČSO)              |
| Matthias Hessling      | DE | Deutsche Lichttechnische Gesellschaft e.V. (LiTG)   |
| Per Reinholdt          | DK | Dansk Center for Lys (DCL)                          |
| Manuel Melgosa         | ES | Comité Español de Iluminación (CEI)                 |
| Heikki Härkönen        | FI | Suomen valoteknillinen seura (IES)                  |
| Marie-Pierre Alexandre | FR | Association Francaise de l'Éclairage (AFE)          |
| Frangiskos Topalis     | GR | Hellenic Lighting Association (HELIA)               |
| Péter Schwarcz         | HU | Világítástechnikai Társaság (VTT)                   |
| Pat Lehane             | IE | Lighting Association Ireland (LAI)                  |
| Laura Bellia           | IT | Associazione Italiana di Illuminazione (AIDI)       |
| Geertje Hazenberg      | NL | Nederlandse Stichting Voor Verlichtingskunde (NSVV) |
| Katia Valerie Banoun   | NO | Lyskultur   |
| Piotr Pracki           | PL | Polski Komitet Oświetleniowy SEP (PKO)              |
| Anna Shakhparunyants   | RU | Российский национальный комитет МКО (CIE NC RU)     |
| Dorin Beu              | RO | Asociația Română de Iluminat (ARI)                  |
| Miomir Kostić          | RS | Srpsko društvo za osvetljenje (DOS)                 |
| Grega Bizjak           | SI | Slovensko društvo za razsvetljavo (SDR)             |
| Mehmet Kucukdogu       | TR | Aydınlatma Türk Milli Komitesi (ATMK)               |
| Peter Thorns           | UK | Society of Light and Lighting (SLL)                 |

## 9. BOARD OF DIRECTORS

### *Chairman:*

|                    |    |   |
|--------------------|----|---|
| Dionýz Gašparovský | SK | Slovenská svetelnotechnická spoločnosť (SSTS) |
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| Peter Thorns      | UK | Society of Light and Lighting (SLL)                 |



## 10. PROGRAMME COMMITTEE

### *Chairman:*

Dionýz Gašparovský SK

### *Members:*

|                         |    |                      |    |
|-------------------------|----|----------------------|----|
| László Balázs           | HU | Rafał Krupiński      | PL |
| Meike Barfuß            | DE | Frédéric Leloup      | BE |
| Laura Bellia            | IT | Banu Manav           | TR |
| Dorin Beu               | RO | Balázs Vince Nagy    | HU |
| Grega Bizjak            | SI | Tomáš Novák          | CZ |
| Urszula Błaszczak       | PL | Sermin Onaygil       | TR |
| Constantinos Bouroussis | GR | Anna Pellegrino      | IT |
| Karl Brandstätter       | AT | Piotr Pracki         | PL |
| Vladimir Budak          | RU | Thomas Römhild       | DE |
| Lambros Doulos          | GR | Wouter Ryckaert      | BE |
| Roman Dubnička          | SK | Axel Stockmar        | DE |
| Simonetta Fumagalli     | IT | Raisa Stolyarevskaya | RU |
| Catalin Galatanu        | RO | Marek Šmíd           | CZ |
| Peter Hanuliak          | SK | Peter Thorns         | UK |
| Valéry Ann Jacobs       | BE | Frangiskos Topalis   | GR |
| Peter Janiga            | SK | Rengin Ünver         | TR |
| Matej B. Kobav          | SI | Michal Vik           | CZ |
| Zoltán Kolláth          | HU |                      |    |

## 11. ORGANIZING TEAM

### *Chairmen:*

|                    |      |                             |                  |
|--------------------|------|-----------------------------|------------------|
| Tomáš Novák        | ČSO  | tomas.novak1@vsb.cz         | +420 602 724 207 |
| Dionýz Gašparovský | SSTS | dionyz.gasparovsky@stuba.sk | +421 903 455 035 |

### *Members:*

|                  |      |                       |                  |
|------------------|------|-----------------------|------------------|
| Ivana Sokanská   | ČSO  | sokanska@seznam.cz    | +420 608 468 956 |
| Pavel Valíček    | ČSO  | pavel.valicek@vsb.cz  | +420 603 170 348 |
| Peter Janiga     | SSTS | peter.janiga@stuba.sk | +421 904 972 150 |
| Jana Raditschová | SSTS | raditschova@stuba.sk  | +421 903 723 282 |

## 12. SECRETARIAT

**Česká společnost pro osvětlování, z. s.**  
17. listopadu 2172/15  
708 00 Ostrava-Poruba  
Czech Republic

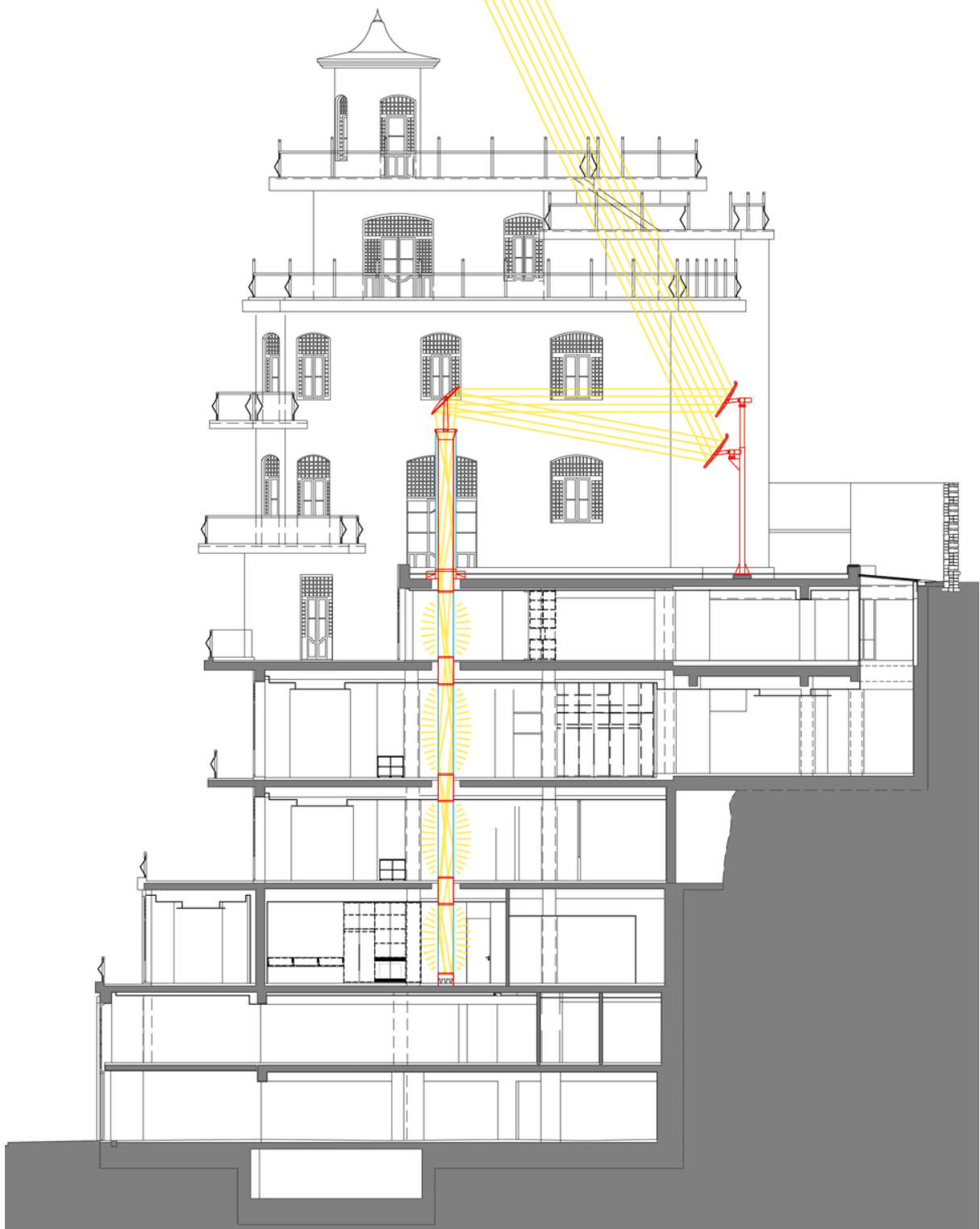
Person in charge:

**Ivana Sokanská**

☎ +420 608 468 956

✉ sokanska@seznam.cz

we bring daylight into dark spaces





## Haviřov and Ostrava can be proud of their new modern public lighting system

Thorn, global producer of indoor and outdoor lighting and part of the Zumtobel Group, has supplied state-of-the-art public lighting for two new regional projects in Haviřov and Ostrava, completed last and this year. In both cases, these are unique luminaires URBA by Thorn, which are extremely energy-efficient and contribute to environmental protection thanks to their adjustable light intensity.

A modern transport terminal has been in operation in Haviřov since last year, built in the reconstructed area in front of the railway station. It includes new parking spaces, lockable bike racks, a cycle path, repaired sidewalks, new pedestrian crossings, covered bus stops and arrival corridors.

And all this is illuminated by unique URBA luminaires with dimming function. The new Thorn lighting has also been used in Ostrava, where new public spaces for leisure activities have been available in two sections of Havlíčkovo nábřeží since the first half of this year.

The public lighting was also reconstructed, from new cable lines through masts to luminaires with the latest LED technology by Thorn. In addition to excellent light-technical parameters, the URBA luminaires offer environmental friendliness and energy efficiency – for example, they



**THORN**  
LIGHTING



automatically dim their light intensity after midnight. In addition, the use of high-quality materials and sophisticated workmanship guarantees a long service life with minimal maintenance requirements. The Thorn brand is the market leader in public lighting. Its sophisticated URBA urban luminaires for street lighting and public spaces are the epitome of smart, efficient and environmentally friendly lighting with a wide range of smart solutions from self-dimming to remote control. In addition, Thorn's LED luminaires minimize the "light smog" and thus contribute to the protection of the night sky and biodiversity. As a result, URBA luminaires can boast the prestigious „IDA Dark Sky Approved“ certification issued by the international non-profit organization Dark Sky Association, with which Thorn has cooperated for a long time.

### **About the Zumtobel Group**

*The Zumtobel Group aims to create wellbeing and improve people's quality of life through light – as a group, and through all its individual brands, Thorn, Tridonic and Zumtobel. As a leading supplier of innovative lighting solutions, the Group offers its customers around the world a comprehensive portfolio, where the focus is invariably on people and their needs. The company's know-how about the effects of light on people, acquired over decades, forms the basis for sustainable and future-oriented lighting solutions that are increasingly energy- and resource-efficient while providing the best possible quality of light. The Group is listed on the Vienna Stock Exchange (ATX Prime) and currently holds a workforce of around 5,800 employees. In the 2021/22 financial year, the company posted revenues of EUR 1,148.3 million. The Zumtobel Group is based in Dornbirn in the Vorarlberg region of Austria. For further information, please visit [z.lighting/group](https://www.zlighting/group).*

## ZUMTOBEL Group

## 13. SPONSORS

### GOLD



### SILVER



### BRONZE



## EXHIBITORS



## 14. CONFERENCE WEBSITE

[www.luxeuropa2022.eu](http://www.luxeuropa2022.eu)

### Notes:

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.