https://icrr2027.com

ICRR2027 BRNO

THE LARGEST CONGRESS ON RADIATION RESEARCH



SPONSORSHIP AND EXHIBITION BROCHURE

JUNE 20–25, 2027, BRNO, CZECH REPUBLIC



DEAR SPONSORS,

We are delighted to invite you to become part of the International Congress on Radiation Research (ICRR-2027) in Brno, Czech Republic. As the largest international event in radiation research, held once every four years on a different continent, ICRR-2027 will bring together up to 2,000 experts to address critical topics, from cancer radiotherapy to astronaut protection and sustainable nuclear energy.

Brno, a city rich in history and home to Mendel's pioneering genetics research, offers a strategic location with easy access to Prague, Vienna, Bratislava, and Budapest. This exceptional setting ensures high attendance and a dynamic scientific exchange.

We invite you to explore the sponsorship opportunities outlined in this brochure and consider being part of this prestigious event. Should you have any questions, we would be happy to discuss how your involvement could align with your goals.

We sincerely appreciate your time and consideration of sponsorship for ICRR-2027.

With our regards and gratitude.
On behalf of the organizing committee,



Assoc. Prof. RNDr. Martin Falk, Ph.D.
ICRR-2027 President



Iva Falková, RNDr., Ph.D.
ICRR-2027 Vice President



Prof. Leoš Navrátil, CSc., M.D., MBA, dr.h.c.
ICRR-2027
Honorary President

TEN BULLETS WHY TO VISIT / SUPPORT ICRR–2027 CONGRESS

1.

The largest gathering devoted to the field of radiation research in the world.
Held every four years on different continents, it serves as a global forum akin to the Olympic Games in the realm of sports.

2.

ICRR series under the patronage of the International Association of Radiation Research:
The Leading Society in the Field: The International Association for Radiation Research (IARR) is the principal body behind the ICRR congress series. The IARR serves as the foremost organization representing societies dedicated to the study of ionizing radiation on a global scale. For additional information, please visit their official website, where the trailer for ICRR–2027 is also available: https://www.radres.org/mpage/IARR-Home.

3.

A diverse assembly of 1,000 to 2,000 top leading scientists and physicians from LEADING institutes all around the globe attracted to visit ICRR.

4.

Bold coverage of crucial topics that pose significant challenges to contemporary society, such as/including medicine (curative, preventive and palliative), space research, radiation protection and energy for future.

5.

Patronage and Support from Distinguished Political, Scientific, and Academic Authorities, with Additional Endorsements on the Horizon
such as Czech Academy... and many others.

6.

Local Organizer:
The Society for Radiobiology and Crisis Planning (SRCP), part of the Czech Medical Association of Jan Evangelista Purkyně (CzMA), is the local organizer of this event. The CzMA is the largest medical society in the Czech Republic. More information is available on the SRCP website: https://www.srkp.cz/vybor-srkp/.

7.

C-IN Professional Organization:
The conference is organized in collaboration with C-IN, a professional organizing partner that has extensive experience in managing large-scale congresses worldwide.

8.

Close Collaborative Efforts: There is a strong collaborative effort between the SRCP and other scientific societies, including partnerships with the European Radiation Research Society (ERRS). More about the ERRS can be found on their website: https://www.errs.eu/en.

9.

Partnerships with Prestigious Scientific, Academic and Clinical Institutions: The conference organizers closely cooperate also with other respected institutes and institutions in Brno and across the Czech Republic, such as the Masaryk Memorial Institute of Oncology, the Institute of Biophysics of the Czech Academy of Sciences (IBP CAS), the Institute of Scientific Instruments of the CAS, the Masaryk University, the Czech Technical University, the National Institute for Nuclear, Biological and Chemical Protection, the Czech Society for Radiation Protection, etc.

10.

Unique Location – the Enchanting Heart of Central Europe: Brno is centrally located in Europe, in close proximity to major cities like Prague, Vienna, Bratislava, and Budapest. Vienna has repeatedly been recognized as one of the best cities to live in. Brno itself is celebrated as a "Mekka" of genetics, attracting numerous Nobel Prize winners. The city is noted for its safety, vibrant academic community, and culinary scene. Together with Vienna, Brno offers a rich cultural environment and beautiful surroundings (details provided later in this brochure). In June, when the conference occurs, the weather in Brno is typically very pleasant, making it an excellent time to attend with family. As a result, we anticipate a significant number of scientists from the USA and Asia bringing their families along. Congress venue — the largest exhibition center in CR with unique architecture and tradition since 1928.



CONFERENCE VENUE

ICRR2027 BRNO

GREGOR JOHANN MENDEL

THE FATHER OF GENETICS



BRNO — THE CITY WHERE GENETICS WAS BORN

Gregor Johann Mendel (1822–1884) is one of the most significant men in history, not only that of Brno.

From 1856 he studied the cross-breeding of peas in Brno. Based on his experiments, he formulated three rules, later known as Mendel's laws of inheritance. In 1867, he became the abbot of the Abbey of St Thomas and was soon appointed to additional positions, which meant that he had to put aside his research.

Although Mendel was among the most significant citizens of Brno during his life, his contribution to biology was fully appreciated only after his death in 1884.

MENDEL MUSEUM, GREGOR JOHANN MENDEL



MENDEL REFECTORY – AUGUSTINIAN LIBRARY





ICRR 2027 VENUE

The International Congress on Radiation Research (ICRR-2027) will take place in Brno, Czech Republic. Hosted as the Czech largest Exhibition Center (BVV), the congress venue offers unique achitecture and history along with world-class facilities for engaging discussions, networking, and sponsor exhibitions.

Brno's proximity to major European capitals, vibrant academic community, and historical significance in genetics make it an ideal setting for this prestigious event.



PREVIOUS ICRR CONFERENCES

1995	10th ICRR Congress, Wuerzburg, Germany
1999	11th ICRR Congress, Dublin, Ireland
2003	12th ICRR Congress, Brisbane, Australia
2007	13th ICRR Congress, San Francisco, USA
2011	14th ICRR Congress, Warszawa, Poland
2015	15th ICRR Congress, Kyoto, Japan
2019	16th ICRR Congress, Manchester, UK
2023	17th ICRR Congress, Montreal, Canada
2027	18th ICRR Congress, Brno, Czech Republic (Central Europe)



PRELIMINARY TOPICS

RADIOTHERAPY (CURATIVE & PALLIATIVE)

1. **Innovations in Radiotherapy**
   Cutting-Edge Techniques: Hadron Therapy, FLASH Therapy, etc., Integrating New Technologies into Clinical Practice
2. **Innovations in Combined Cancer Treatments**
   Synergistic Approaches: Combining Radiotherapy with Immunotherapy and/or Chemotherapy, Radiopharmaceuticals
3. **Biological Effects and Therapeutic Applications of Laser and Non-Ionizing Radiation**
4. **Radiosensitizers to Enhance Radiotherapy and Theranostics:**
   Chemical, Physical, and Smart Nanomaterials for Targeted and Effective Treatments
5. **Hypoxia and Cancer Cell Radioresistance**

RADIATION PROTECTION ON EARTH AND IN SPACE

6. **CBRN Threats and Lessons from Radiation Accidents**
   Addressing the Terrorist and Military Misuse of Radioactive Materials and nuclear weapons; Consequences of the war in Ukraine, Fukushima Daiichi Accident etc. for Understanding of Health Risks after Irradiation and for Improved Management of Radiation Events
7. **Epidemiological Insights from Low-Dose, Environmental, and Occupational Radiation Exposure Studies**
   Including Radioactive Spa Therapies, Naturally Occurring Radon Exposure, Medical Imaging Risks, and Communities in High Natural Background Radiation Areas
8. **Radiation Protection Protocols, Radiation Detection & Dosimetry, Biodosimetry, Risc Management and Communication**
9. **Radioprotectors**
   Chemical and Physical Agents to Protect against Radiation (Medicine, Space Research, Civil Protection in case of Radiation Accidents)









SPACE RESEARCH

10. **Microgravity and Mixed-Field Radiation Effects on Human Health**
    Understanding Biological Effects of Ionizing Radiation in Space Missions and Situations Associated with Mixed-Field Radiation Exposure and Microgravity; Preparing for Future Space Exploration: Risks and Mitigations
11. **Individual Radiosensitivity and Biomarkers, Personalized Medicine and Risk Assessment**
    Identifying Biomarkers for Personalized Radiation Therapy; Implications for Treatment Efficacy and Safety; Selection of Astronauts, etc.
12. **Non-Cancer Radiation Effects (and their Relevance for Human Health and to Accomplish Space Missions)**

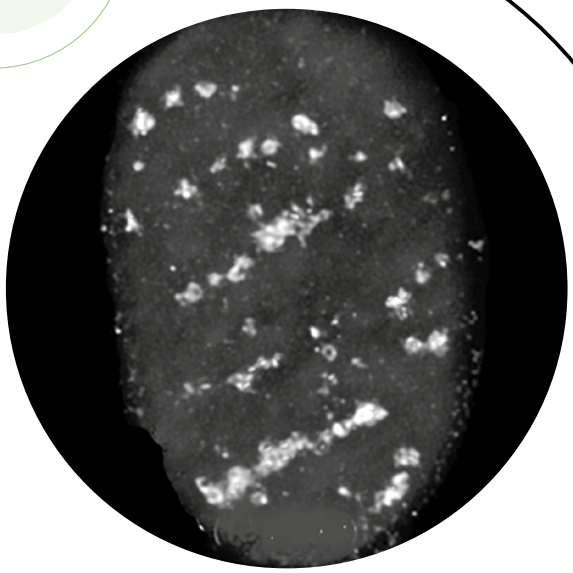
BASIC SCIENCE – RADIATION INTERACTIONS WITH MATTER

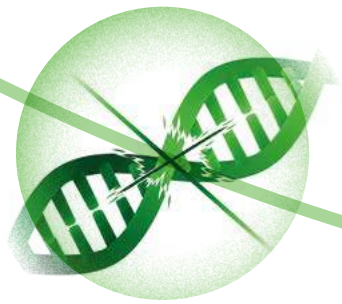
13. **Quantum Process and Radiation Physics**
14. **Radiochemistry**
15. **Radiation and the origin of life**

BASIC SCIENCE – RADIOBIOLOGY

16. **DNA Damage and Repair and Processes in the Cell Nucleus**
    DNA Damage and Repair Mechanisms; Pathway Selection in DNA Repair and Implications for Cancer Therapy
17. **Radiation-Induced Cell Damage and Repair in Space and Time: Utilizing Microscopy for Enhanced Visualization of Cellular Damage and Repair Mechanisms**
    Investigating DNA Damage and Repair within the Natural Context of Chromatin, Analysing Changes in Chromatin Architecture Post-Irradiation and During DNA Repair, Advancing Microdosimetry Techniques for Precision Assessment of Radiation Effects















18. **Epigenetic Responses to Ionizing Radiation**
    Understanding the Transformation of Epigenetic Landscapes; Potential Therapeutic Targets in Radiation-Induced Changes
19. **Radiation-Induced Genomic Instability**
    Mechanisms Leading to Carcinogenesis; Clinical Implications of Genomic Instability Research
20. **Out-of-Nucleus radiation damage and health effects**
21. **Low-Dose Radiation and Systemic Effects**
    Studying Non-targeted Effects and Abscopal Responses
22. **Microbiome and Metabolic Interactions in Radiation Exposure**
    The Impact of Radiation on Cellular Metabolism and the Microbiome; Metabolic Pathways in Radiation Response
23. **Similarities and Differences in Animal and Plant Responses**

MULTISCALE MODELING, AI, (BIO)INFORMATICS IN RADIATION RESEARCH

24. **Multiscale Modeling, Machine Learning and AI**
    in Radiation Science and Radiotherapy
25. **OMICs and Big Data Analytics in Understanding Radiation Biology; Non-Coding RNAs in Radiation Biology**

RADIOECOLOGY

26. **Radioecology and Environmental Radiation**
    Impact of Radioactive Contaminants on Ecosystems; Assessment of Radon Risks and Mitigation Strategies

GREEN ENERGY FOR FUTURE

27. **Green Nuclear Energy for Future**
    Modular Reactors and Their Role in Sustainable Energy Solutions; Advances in Radiation Chemistry and Fuel Processing

MORE DETAILED INFORMATION ABOUT ICRR–2027

is available on the conference mobile app by scanning the QR code or on the conference website we are currently developing: www.icrr2027.com (currently under development).

SCAN AND SEE MORE

PATRONAGE AND SUPPORT

SCIENTIFIC AUTHORITIES (INSTITUTIONS AND SOCIETIES)

The largest research institution in the CR

Prof. RNDr. Eva Zažímalová, CSc., dr. h. c.
Chairwoman of the Czech Academy of Sciences,
the most prominent research institution in the CR

The largest medical association in the CR

Prof. MUDr. Štěpán Svačina, DrSc., MBA
Chairman, Czech Medical Association (CzMA),
the most prominent medical society in the CR

POLITICAL AUTHORITIES

Pending Kind Approval for Main Patronage of ICRR–2027 by the Presidential Couple,
Eva Pavlová and President of the Czech Republic, Arm. Gen. (Ret.) Ing. Petr Pavel.
(if accepted)

JUDr. Markéta Vaňková
Mayor of Brno

MSc. Jan Grolich
Governor of the South Moravian Region

SCIENTIFIC AUTHORITIES (SCIENTIFIC AND CLINICAL INSTITUTES)

Prof. RNDr. Eva Bártová, Ph.D., DSc.
Director of the Institute of Biophysics
of the Czech Academy of Sciences

Prof. MUDr. Marek Svoboda, Ph.D.
Director of the Masaryk Memorial Cancer Institute

Prof. RNDr. Šárka Pospíšilová, Ph.D.
Vice-Dean of the Masaryk University

Ing. Tomáš Dropa, MBA.
Director at National Institute for Nuclear,
Chemical and Biological Protection

Assoc. Prof. RNDr. Vojtěch Petráček, CSc
Rector of the Czech Technical University

Charles University
(expected)

University of Defence
(expected)

Additional Endorsements
on the Horizon



ASSOCIATED MEETINGS AND ACTIVITIES

1. IARR and ERRS Council Meetings and ERRS General Assembly
2. PRESTIGIOUS AWARDS FROM IARR AND ERRS
3. PANEL DISCUSSIONS: The Future of Radiation Research — Collaborative Approaches and Multidisciplinary Solutions
4. STUDENTS' AND YOUNG SCIENTISTS' SESSION AND DISCUSSION — Emerging Challenges and Research Opportunities in the Field
5. ASSOCIATED LECTURES FOR PUBLIC: Public Engagement and Educational Outreach — Tutorial Lectures for the Public on Nuclear Safety and Radiophobia; Importance of Ionizing Radiation in Medicine and Sustainable Energy

A UNIQUE BENEFITIAL RUN WITH RORY AND GARY — THE RESCUE DOGS



We are thrilled to introduce you the mascots of the ICRR-2027 congress—meet Rory and Gery, dynamic rescue dogs who exemplify bravery and compassion. This remarkable father-son duo not only captivates hearts with their adorable charm but also plays a vital role in saving lives. **Trained to locate victims** in the aftermath of natural disasters, as well as, for example, Alzheimer's patients and children lost in the fields and forests, Rory and Gery embody the spirit of friendship, resilience and hope.
The Congress promises an engaging and memorable experience, **including a unique benefitial run with Rory and Gerry** in the picturesque park below the legendary Spielberg Castle. Participants can choose from routes ranging from 15 metres to 5 kilometres, and rest assured that our talented four-legged friends are ready to ensure that no one strays too far from the path!

MASCOTS OF THE ICRR-2027 CONGRESS—RORY AND GARY, THE RESCUE DOGS

THE INCOME FROM THE VOLUNTARY FEE WILL BE DONATED TO THE TRAINING OF BOTH RESCUE AND GUIDE DOGS.

SPONSORSHIP PROGRAMME – CHOOSE YOUR WAY



The Organizers are kindly asking interested companies to choose from the packages below and order by filling the form at the end of this document, returning it by mail to odile.poulain@c-in.eu

Should you wish to discuss the content of any package, please do not hesitate to contact us, we will be happy to alter our offer to meet your company's needs.

SPONSORSHIP PACKAGES

	Diamond (1 available)	Platinum (2 available)	Gold (3 available)	Silver (4 available)
Minimum contribution	**€ 44,250**	**€ 36,750**	**€ 21,750**	**€ 14,250**
Exhibition space	12 sqm	9 sqm	6 sqm	4 sqm
Presentation slot	30 min.	20 min.	10 min.	10 min.
Pre-conference Workshop	Full day	Half day	x	x
Complimentary registration	5	4	3	2
Gala Dinner ticket	5	4	3	2
Bag insert	2 pieces	2 pieces	1 piece	1 piece
Push notification	2 on-site via app	2 on-site via app	1 on-site via app	x
Program advert	1 Full page	Half page	Half page	Half page
Special item	Conference bags	Lanyards	Notepads	Pens
Company profile	300 words	250 words	200 words	150 words
General benefits *	yes	yes	yes	yes

* **General benefits include:**
Logo on the official event website (including link)
Acknowledgement of the sponsor in all printed materials under the sponsorship category
Acknowledgement of the sponsor in all electronic materials under the sponsorship category
Acknowledgement of the sponsor during opening and closing ceremony under the sponsorship category
Use of the conference logo for own advertising

DIAMOND SPONSORSHIP PACKAGE

- Exhibition space 12 sqm, including Electricity connection 220 V / 3,5 kW. Note, that furniture etc. needs to be order separately – the offer will be in the exhbition manual few month before the conference.
- 30 min presentation in the Plenary Hall
- Pre-conference Full day Workshop – meeting space at the Conference Center for a maximum of 45 attendees. Basic room set up includes podium, mic and speakers table with classroom or theater set up depending on room availability. The pre-conference workshop will be on the primary website program schedule for promotion to all conference attendees.
  * Additional fees apply for additional audio-visual equipment, or if Food and Beverage is added.
- 5 full registrations
- 5 Gala dinner tickets
- 2 pieces of company leaflet (max A4 size) inserted in participants' bags
- 2 on-site notifications "pushed" to all attendees via mobile app
- Full page slot for advertisement in the final programme
- Company logo on the conference bag distributed to all attendees. The cost of bags go to organizer.
- Company profile (300 words) in the program and in the mobile app.
- General benefits

PLATINUM SPONSORHSIP PACKAGE

- Exhibition space 9 sqm, including Electricity connection 220 V / 3,5 kW. Note, that furniture etc. needs to be order separately – the offer will be in the exhbition manual few month before the conference.
- 20 min presentation in the Plenary Hall
- Pre-conference Half day Workshop – meeting space at the Conference Center for a maximum of 45 attendees. Basic room set up includes podium, mic and speakers table with classroom or theater set up depending on room availability. The pre-conference workshop will be on the primary website program schedule for promotion to all conference attendees.
  * Additional fees apply for additional audio-visual equipment, or if Food and Beverage is added.
- 4 full registrations
- 4 Gala dinner tickets
- 2 pieces of company leaflet (max A4 size) inserted in participants' bags
- 2 on-site notifications "pushed" to all attendees via mobile app
- half page slot for advertisement in the final programme
- Company logo (together with 2nd Platinum sponsor) on the lanyards distributed to all attendees. The cost of lanyards goes to organizer.



- Company profile (250 words) in the program and in the mobile app.
- General benefits

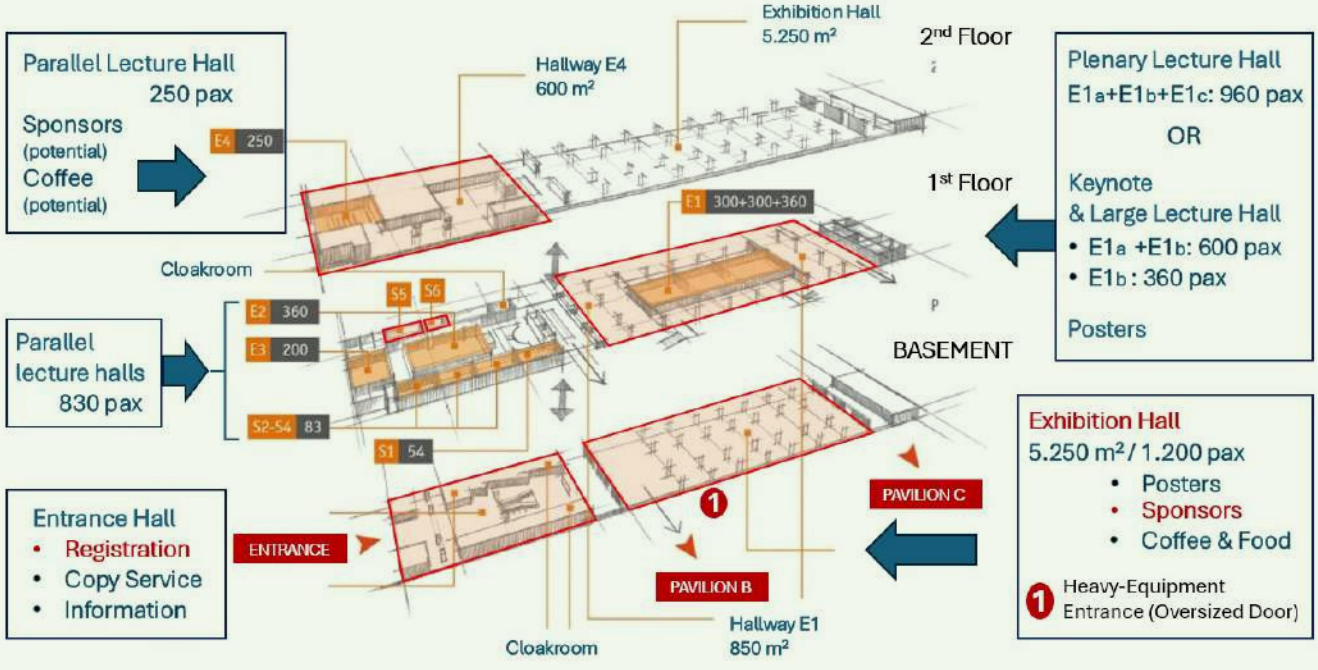
GOLD SPONSORHSIP PACKAGE

- Exhibition space 6 sqm, including Electricity connection 220 V / 3,5 kW. Note, that furniture etc. needs to be order separately – the offer will be in the exhbition manual few month before the conference.
- 10 min presentation in the Plenary Hall
- 3 full registrations
- 3 Gala dinner tickets
- 1 piece of company leaflet (max A4 size) inserted in participants' bags
- 1 on-site notifications "pushed" to all attendees via mobile app
- half page slot for advertisement in the final programme
- Company logo on the notepads distributed to all attendees. The cost of items goes to organizer.
- Company profile (150 words) in the program and in the mobile app.
- General benefits

SILVER SPONSORHSIP PACKAGE

- Exhibition space 4 sqm, including Electricity connection 220 V / 3,5 kW. Note, that furniture etc. needs to be order separately – the offer will be in the exhbition manual few month before the conference.
- 2 full registrations
- 2 Gala dinner tickets
- 1 piece of company leaflet (max A4 size) inserted in participants' bags
- half page slot for advertisement in the final programme
- Company logo on the pens distributed to all attendees. The cost of items goes to organizer.
- Company profile (100 words) in the program and in the mobile app.
- General benefits

PAVILION E MAP



SPONSORSHIP OPPORTUNITIES

SUMMARY TABLE

MAKE THE PERFECT 1ST IMPRESSION	
Lanyards EXCLUSIVE	€ 10,875
Charging station EXCLUSIVE	€ 3,375
Reusable bottle/cup	€ 7,125
Notepads & pens	€ 2,625
DIGITAL OPPORTUNITIES	
Mobile App EXCLUSIVE	€ 9,375
Wi-Fi EXCLUSIVE	€ 7,875
Newsletter	€ 3,375
SOCIAL AND NETWORKING EVENTS	
Lunch break	€ 5,625
Coffee break	€ 3,375
Welcome reception EXCLUSIVE	€ 7,125
ADVERTISEMENT OPPORTUNITY	
Bag insert	€ 1,875
Program book advert – outside back cover EXCLUSIVE	€ 4,125
Program book advert full page/half page	€ 2,250 / € 1,500



LANYARDS EXCLUSIVE

€ 10,875

Lanyard will be given to each delegate at the registration desk. Delegates must wear badges throughout the whole conference, so it is a highly visible branding opportunity.

- Your logo on lanyards
- Acknowledgement in program and website

CHARGING STATIONS

EXCLUSIVE

€ 3,375

There will be charging station during the whole conference, available to all delegates.

- Your logo on charging stations
- Acknowledgement in program and website

REUSABLE BOTTLE/CUP

€ 7,125

Reusable bottle/cup will be included in each delegate bag at the registration desk. Support Sustainability and gain exclusive visibility.

- Your name and/or logo printed on bottle/cup
- Acknowledgement in program and website
- Production by organizer

NOTEPADS & PENS

€ 2,625

Both items will be included in each delegate bag at the registration desk.

- Your logo will be placed on the notepads and pens
- Acknowledgement in program and website
- Production and transportation cost borne by sponsor

MOBILE APP EXCLUSIVE

€ 9,375

The App transforms smartphones and tablets into a tool for an active congress participation, making it easy for participants to access the congress information and to connect with speakers and colleagues. The App includes the scientific programme, abstracts, speakers info and partners list with details. Congress App sponsorship includes:

- App invitation email to all delegates, with install page and detailed information
- Your banner appears on the app invitation email
- Supporter acknowledgement on the splash/pop-up screen of the App: "Supported by: company name/logo"
- Signage on site – slides in the meeting rooms and banners with App QR code and "Supported by: company name/logo"
- 2 "push notifications" appear on all devices that have the native app installed
- Acknowledgement in program and website

WI-FI EXCLUSIVE

€ 7,875

The sponsor of Wireless Access to Internet will have the opportunity to engage with conference participants each time they access the internet.

- Your logo on login and opening screen
- Acknowledgement in program and website

NEWSLETTER

€ 3,375

Call for early bird Registration newsletter or Final program newsletter to potential delegates. Date will be specified.

- Your banner/logo in regular event newsletter to the potential delegates

- The banner/promotion text need to be reviewed and agreed by management board
- Acknowledgement in program and website

LUNCH BREAK
€ 5,625

- Your logo displayed on the catering tables
- You can distribute own flags, napkins etc. or place roll-up banners
- All branded materials must be approved by the organisers
- Acknowledgement in program and website

COFFEE BREAK
€ 3,375

- Your logo displayed on the tables with coffee breaks
- You can distribute own flags, napkins etc. or place roll-up banners
- All branded materials must be approved by the organisers
- Acknowledgement in program and website

WELCOME RECEPTION
EXCLUSIVE

€ 7,125

Exclusive branding opportunities, allowing your company to reach out to most of delegates.

- You can place roll-up banners and other branded materials (e.g. napkinds etc.) at the Welcome Reception area
- All branded materials must be approved by the organisers
- Acknowledgement in program and website

BAG INSERT
€ 1,875

- Sponsors have the opportunity to provide an insert in the conference bag: an A4 size
- Double-sided, colour or black and white flyer or promotional piece
- Acknowledgement in program and website

PROGRAM BOOK ADVERT – OUTSIDE BACK COVER
€ 4,125

Program is a useful guide including tracks to follow particular areas of interest throughout the congress. Program will be distributed to all delegates included in the conference bag.

- Full color advertisement back cover
- The dimensions will be specified
- Acknowledgement in program and website

PROGRAM BOOK ADVERT FULL PAGE / HALF PAGE
€ 2,250 / € 1,500

Program is a useful guide including tracks to follow particular areas of interest throughout the congress. Program will be distributed to all delegates included in the conference bag.

- Full color advertisement page
- The dimensions will be specified
- Acknowledgement in program and website

EXHIBITION OFFER

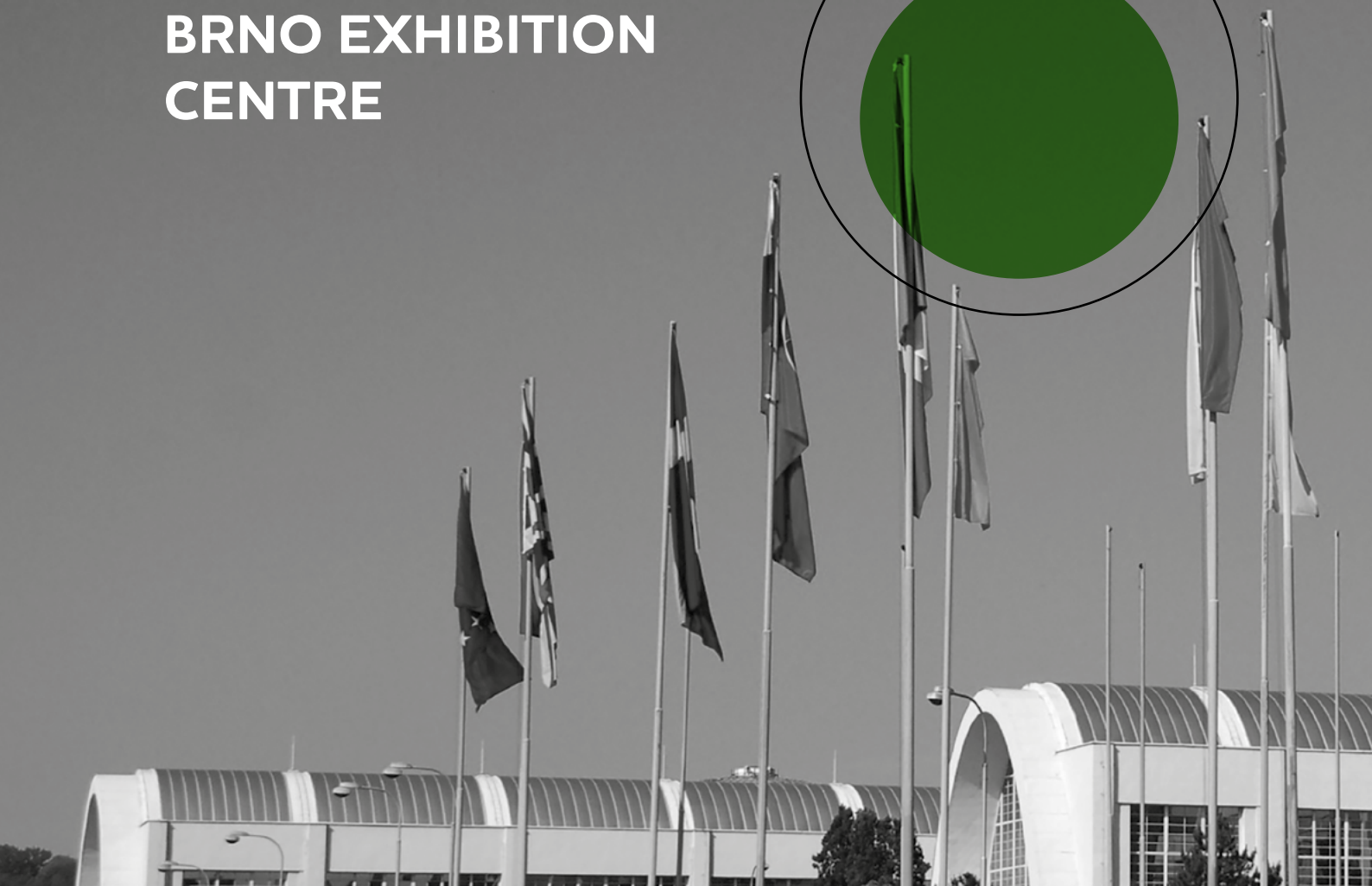
EXHIBITION SPACE ONLY € 660 / 1 SQM

Minimum order is 6 sqm, that includes:

- Exhibition floor space only
- Company logo and link on the conference website
- Listing in designated industry section of the Final Program
- 1 exhibitor pass per each 3 sqm of ordered space
- Invitation to the Welcome Reception for registered exhibitors
- 1 conference bag per stand

Space only rental does not include any furniture or electrical usage. All these services and other items will be available to order in the Exhibitors' Manual

BRNO EXHIBITION CENTRE



BOOTH EQUIPMENT PACKAGE € 742.50 / 1 SQM

- Exhibition floor space
- Shell scheme frame
- Electricity supply 220 V/3,5 kW
- Fascia board company name
- Carpet
- 1 table and 4 chairs
- Spotlights (1 spotlight per 3 sqm)
- 1 Waste bin
- Supplement for a corner with a second fascia board €50
- Welcome Reception for registered exhibitors
- 1 conference bag per stand







UNESCO HERITAGE

VILLA TUGENDHAT,
MIES VAN DER ROHE



CONTACT

To secure your sponsorship level and book an exhibition space, please contact:

Odile Poulain,
Exhibition and Sponsorship Manager
Mobile: +420 725 949 873
E-mail: odile.poulain@c-in.eu

ICRR2027 BRNO

MORE DETAILED INFORMATION