MLSP 2023

33rd IEEE International Workshop on Machine Learning for Signal Processing

September 17th - 20th, 2023 - **Rome**, Italy

SPONSORBOOK

Opening session venue:

Sapienza University
(Via Eudossiana 18 - Rome)

Conference venue:

Fontana di Trevi Congress Center
(Piazza delle Pilotta 4 - Rome)

General Chairs:

Danilo Comminiello
Sapienza University of Rome, Italy

Tülay Adali
University of Maryland Baltimore County, MD, USA

Aurelio Uncini
Sapienza University of Rome, Italy

2nd **time in Italy** after Salerno 2016

32 IEEE International **Workshops on MLSP** organized

75 **years of IEEE SPS history**

MLSP: spanning **100** **countries** worldwide

About **300** **professionals** and **academics** expected

https://2023.ieeemlsp.org/

IEEE

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

IEEE has:

- over 409,000 members in more than 160 countries, more than 60 percent of whom are from outside the United States
- more than 125,000 Student members
- 343 Sections in ten geographic Regions worldwide
- 2,615 Chapters that unite local members with similar technical interests
- 3,565 Student Branches at colleges and universities in over 100 countries
- 3,182 Student Branch Chapters of IEEE technical Societies
- 608 affinity groups
- 39 technical Societies and seven Technical Councils representing the wide range of IEEE technical interests
- more than 5 million documents in the IEEE Xplore® digital library, with more than active portfolio of 1,076 standards and more than 900 projects under development

Moreover, IEEE:

- publishes approximately 200 transactions, journals, and magazines
- sponsors more than 1,900 conferences and events in 96 countries while contributing over 3.6 million total conference papers to IEEE Xplore since 1936, with as many as 200,000 new papers added annually

As the world's largest technical professional organization, IEEE offers a number of ways to get involved with technical and local communities. These communities are active participants in research and authorship, conferences, and important conversations about today's most relevant technical topics locally and globally.

With 39 technical Societies, ten geographic regions that host over 10,000 local meetings annually, several affinity and special interest groups, humanitarian opportunities, and virtual communities and private groups through IEEE Collabratec®, IEEE offers ample opportunity to network and grow professionally through communities.

SPS: an IEEE Society

Founded as IEEE's first society in 1948, the Signal Processing Society is the world's premier association for signal processing engineers and industry professionals. Engineers around the world look to the Society for information on the latest developments in the signal processing field. Its deeply rooted history spans almost 70 years, featuring a membership base of more than 19,000 deeply interested and involved signal processing engineers, academics, industry professionals and students who are all part of a dynamic global community - spanning 100 countries worldwide.

The Society organizes numerous conferences around the world every year, focusing on the innovations shaping the future of signal processing and the future of our world.

Members have opportunities to be involved in boards and committees, and at the local level members are actively immersed in regional chapters, working on issues and projects that shape what's next in signal processing. The Society also oversees publication of numerous periodicals, including the IEEE Signal Processing Magazine and the Inside Signal Processing eNewsletter.

The IEEE MLSP Workshop

The IEEE Signal Processing Society sponsors technical conferences, symposia, and workshops dedicated to providing opportunities to network with peers from around the world, and to exchange high quality, rigorously peer-reviewed scientific and technological knowledge.

MLSP WORKSHOP 2023

The IEEE International Workshop on Machine Learning for Signal Processing (MLSP) is an annual event organized by the IEEE MLSP Technical Committee of the IEEE Signal Processing Society (SPS).

The 33rd MLSP Workshop will be held in-person at Roma Eventi Fontana di Trevi Conference Centre in the heart of Rome, Italy. The conference will present the most recent and exciting research advances through keynote talks, tutorials, special and regular single-track sessions, panels and demonstration sessions.

MLSP topics include, but are not limited to: • Deep learning techniques • Deep generative models • Self/Semi-supervised learning • Transfer learning • Distributed/Federated learning • Graph neural networks • Reinforcement learning • Learning theory and algorithms • Graphical and kernel methods • Matrix factorizations/completion • Source separation • Independent component analysis • Sparsity-aware processing • Subspace and manifold learning • Tensor-based signal processing • Cognitive information processing • Information-theoretic learning • Pattern recognition and classification • Feature extraction/selection/learning • Learning from multimodal data • Sequential learning • ML over wireless networks

EXAMPLE OF PROGRAMME AT A GLANCE

	SEPTEMBER 17	SEPTEMBER 18	SEPTEMBER 19	SEPTEMBER 20
MORNING	Registration Tutorial 1	Opening Keynote 2 Lecture Session 1	Keynote 3 Lecture Session 3	Keynote 4 Lecture Session 4
		Lunch	Lunch	Lunch
AFTERNOON	Tutorial 2 Keynote 1	Lecture Session 2 Poster Session 1	Social event / Guided tour	Lecture Session 5 Poster Session 2
EVENING	Welcome reception	Social event / Guided tour	Banquet	Guided tour

ORGANIZING COMMITTEE

General Chairs

Danilo Comminiello | Sapienza University of Rome, Italy
Tülay Adali | University of Maryland Baltimore County, Baltimore, MD, USA
Aurelio Uncini | Sapienza University of Rome, Italy

Program Chairs

Wojciech Samek | Technical University of Berlin, Germany Fraunhofer Heinrich Hertz Institute HHI, Berlin, Germany
Michele Scarpiniti | Sapienza University of Rome, Italy

Plenary and Tutorial Chairs

Sergios Theodoridis | National and Kapodistrian University of Athens, Greece
Isao Yamada | Tokyo Institute of Technology, Tokyo, Japan

Special Session Chairs

Paris Smaragdis | University of Illinois at Urbana-Champaign, IL, USA
Sergio Barbarossa | Sapienza University of Rome, Italy

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Paolo Di Lorenzo | Sapienza University of Rome, Italy

Finance Chair

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Publicity Chairs

Daniele Grattarola | École Polytechnique Fédérale de Lausanne, Switzerland
Eleonora Grassucci | Sapienza University of Rome, Italy

IEEE Signal Processing Society Liaison

Murat Akcakaya | University of Pittsburgh, PA, USA

Advisory Committee

Zheng-Hua Tan | Aalborg University, Denmark
Bhaskar Rao | University of California at San Diego, CA, USA
Francesco A. N. Palmieri | Università degli Studi della Campania, Italy
Jie Chen | Northwestern Polytechnical University, China

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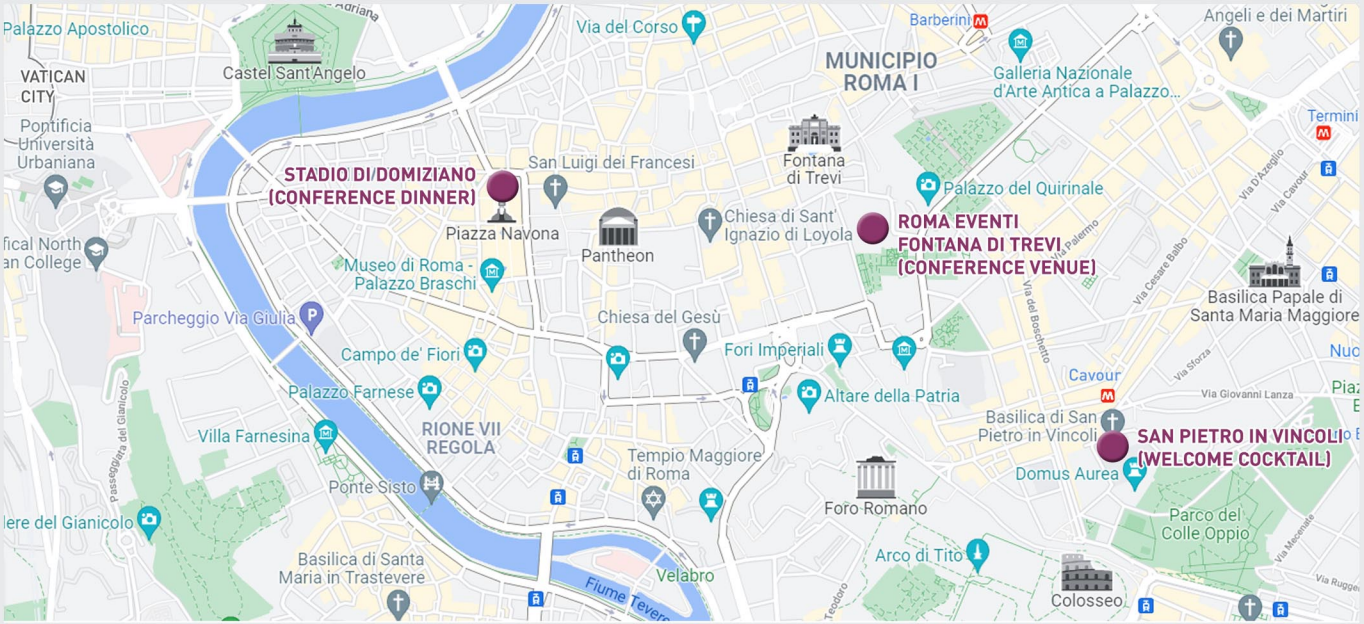
CONFERENCE VENUE

ROMA EVENTI FONTANA DI TREVI CONFERENCE CENTRE

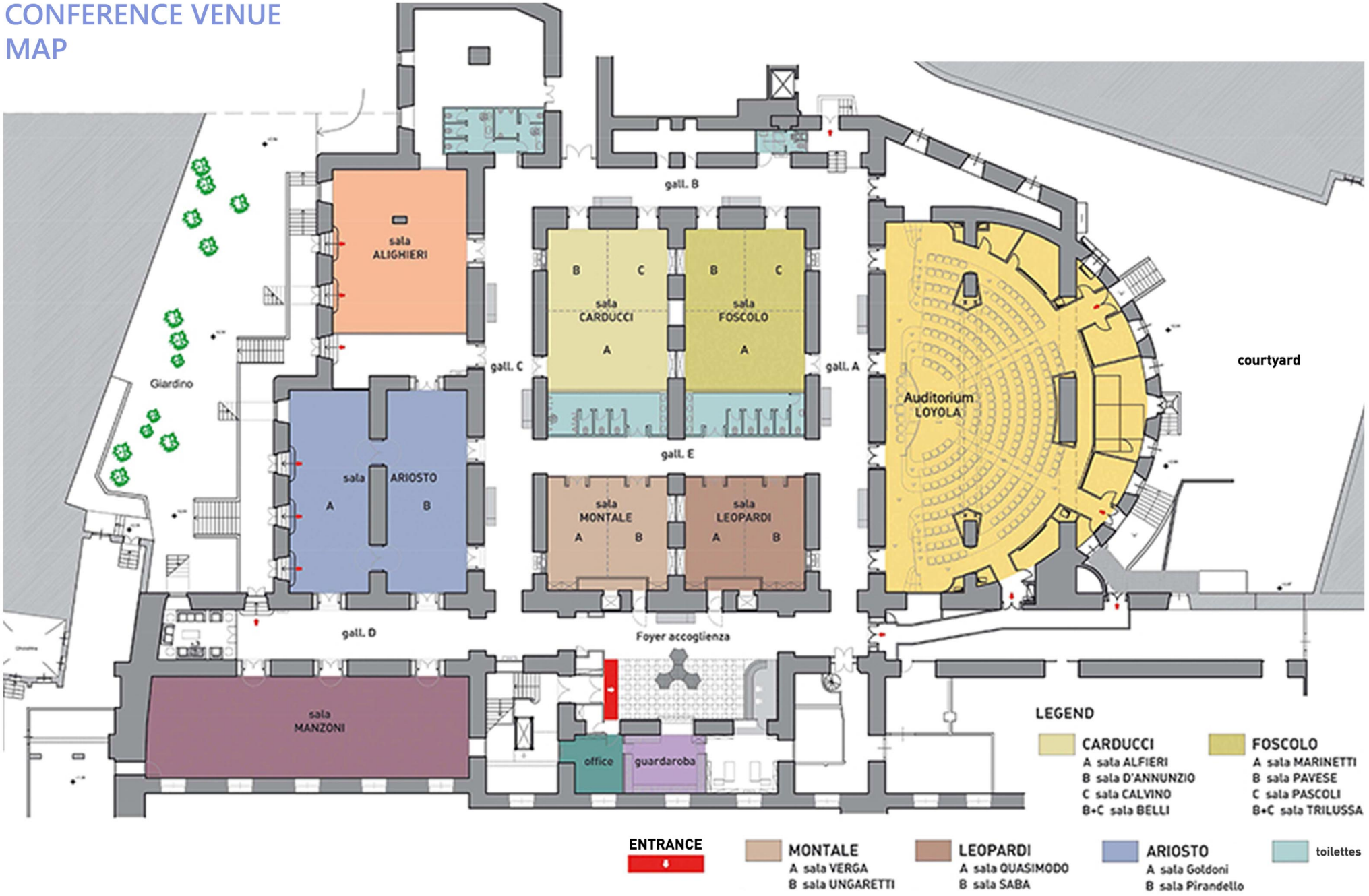
Piazza della Pilotta, 4 - Rome

Except for the Opening session, that will be held in Sapienza University, the 2023 MLSP workshop will be held inside a beautiful complex of the Roma Eventi Fontana di Trevi Conference Centre, located in the heart of Rome, a short walk from the Quirinale and the Fontana di Trevi (Trevi Fountain), from which it gets its name.

Situated in the splendid Neoclassical palace chosen by Pope Benedict XV as the location for the Gregorian University and built by Guido Barluzzi in 1930, the Conference Centre extends over 1500 sqm and consists of 15 meeting rooms able to accommodate over 1000 participants.



CONFERENCE VENUE MAP



NON - DISCRIMINATION AND SUSTAINABILITY POLICIES FOR MLSP 2023

MLSP 2023 will adopt the following safer space policy and implement numerous diversity and inclusivity initiatives in the ongoing effort to improve diversity and inclusivity in this conference.

Specific Diversity and Inclusivity Initiatives

- MLSP 2023 aims to have **gender and geographical balance**: in the speaker selection, it will be exercised care and attention to guarantee a gender balance and a geographical representativity.
  In addition, the Organizing Secretariat will respect every author and participant regardless of their gender identity (whether it is feminine, masculine, both or neither). In respect of the transgender community, the pronouns of the participants will be asked during the registration on an optional basis. It is also possible that they will be printed on the badges that participants will use during the Conference.
- **Safer Space Policy**: MLSP 2023 aims to foster an environment of respect, which makes all participants feel welcome – particularly those who are typically marginalized or excluded, whether by religion, ethnicity, sex, gender, or sexual identity and orientation. Differing opinions and perspectives are crucial to effective discussion but all attendees ultimately take responsibility for their own speech and behaviour – in person and on social media – throughout the entire event and associated social gatherings.
- **Social sustainability**: an event is considered socially sustainable when designed, planned and realized with a strategy that minimizes negative impact on the environment and leaves a positive legacy to the host community.
- In acknowledgement of the prohibitive cost for many in attending MLSP 2023, we are introducing **discounted registration rates for students, retirees, and people from lower-income countries**.
- MLSP 2023 proposed venue is entirely **wheelchair accessible**.

Attendees are encouraged to:

- Ask respectful questions and avoid dominating a presenter's question time to further any particular agenda. Question time after a talk is intended to give presenters the opportunity to expand on their talk in response to audience questions and is not a platform for the audience to individually reply.
- Be mindful of and understand that intersectionality shapes our lived experiences.
- Actively include all attendees in social gatherings (such as post-conference dinners and social events), particularly those for whom English is not a first language and junior students.

Sustainability

Over the years Symposia has been implementing a large number of operational best practices for the daily running of its structure and all its events, from the selection of materials according to eco-sustainability criteria and the energy efficiency of the equipment, to the procedures for possible work peaks and for the replacement of absent staff.

MLSP 2023 will be an environmentally-friendly event promoting environmental and social solidarity.

Great care will be put in our Green philosophy that will be applied to the catering services as well as to the choice of all equipment, materials, and gadgets and also thanks to the Food for Good project endorsement.

Food waste: Thanks to the collaboration with Federcongressi & eventi, the food bank network Banco Alimentare and the Fair Event organization Equoevento, we will collect the surplus food at the end of the Conference meals and deliver it to charitable organizations such as family homes, soup kitchens and refugee centres, in accordance with applicable hygiene regulations and in compliance with Italy's Good Samaritan lay (Law 155/2003).

Carbon neutral: MLSP 2023 will be climate-friendly and, in the best-case scenario, carbon neutral. As the Organization Secretariat, Symposia minimises the waste of CO_2 emissions during its work and avoid all CO_2 emissions that arise from any conference-related activities and travels. For this reason, in the website and private correspondence with participants, MLSP 2023 staff will inform participants of different possibilities to reach the venue, such as public transportation and bike routes. MLSP 2023 will also prioritize renewable energy sources and eco-friendly merchandise in the conference kit.

SPONSORSHIP OPPORTUNITIES

This important Conference provides an exclusive networking and branding opportunity

	Exhibitors	Bronze Sponsor	Silver Sponsor	Gold Sponsor	Platinum Sponsor	
3 minutes spot light presentation in a Plenary Session					X	
Exhibition space of mq ...	4 - 6				8	
Free conference accesses	1	1	1	2	3	
Invitations for the Conference Gala Dinner			1	2	3	
Company logo on the Conference kits				X	X	
Company logo in the Conference website			X	X	X	
Company advertising card in the Conference kits		X	X		1 full page	
Company advertising page in the abstract book or in the Conference program			1/4 page	1/2 page	X	
Special thanks on the sponsor slide		X	X	X	X	
Company logo on the Conference program	X	X	X	X	X	
Company logo on the Conference Gala Dinner menu				X	X	
	€ 1.000 - 1.500	**€ 2.000**	**€ 4.000**	**€ 7.000**	**€ 10.000**	

* all prices are excluding legal VAT (22%) as applicable

** different sponsorship options available on request

BRANDING OPPORTUNITIES

1.	**Company logo on the Conference Kit**	**€ 1.000**
2.	**One company advertising page in the Conference Kit**	**€ 1.500**
3.	**One company brochure in the Conference Kit**	**€ 2.000**
4.	**Company logo on the Conference lanyards (only one)**	**€ 3.000**

Advertising page in the Conference programme:

5.	**One full page**	**€ 1.500**
6.	**One 1/2 page**	**€ 1.000**
7.	**One 1/4 page**	**€ 500**

ORDER FORM

Please complete and return to ieeemlsp-sponsor@listserv.ieee.org.

We wish to purchase the following sponsorship package(s):

☐ PLATINUM	☐ GOLD	☐ SILVER	☐ BRONZE	☐ EXHIBITORS
€ 10.000	€ 7.000	€ 4.000	€ 2.000	€ .....

☐ BRANDING OPPORTUNITY N. ..... - € .....

We hereby accept the General Terms and Conditions outlined in this sponsorbook.

Company name: .....

Contact name: .....

Position in Company: .....

Address: .....

Telephone: .....

Mobile: .....

Email: .....

Website: .....

Legally binding signature and stamp: Date:

_____ _____

All sponsorship packages are subject to legal VAT (22%) as applicable.
The final balance is due by July 31st, 2023 for Sponsorship of the MSLP 2023 Workshop.

General Guidelines for Sponsors

- Companies must accept all financial and logistical responsibilities for all aspects of their involvement with the conference.
- The construction and dismantling of any exhibition stands must take place within the time slot booked.
- The conference logo may be used only after the receipt of written authorisation from the Organizing Secretariat.

General Information and Next Steps

- Enquiries for Sponsorship opportunities will be collected until **July 1st, 2023**.
- Please note that the Platinum and Exhibitors Sponsorship Packages are very limited in number, and will be allocated op a 'first come, first served" basis.
- The choice of the exhibition spaces will be based on the arrival order of the requests.
- Allocation of sponsor supported sessions and/or sponsorship items will be based on total sponsorship contribution.
- All prices quoted are in EURO and are excluding local VAT (22%) as applicable.

Payment Conditions

- All payments must be made in Euro (EUR).
- The final balance is due by **July 31st, 2023**.
- To guarantee the reservation, a deposit of 50% of the total Sponsorship cost will be invoiced upon receipt of the completed sponsorship order form and is due for payment upon receipt of the invoice.
- The conference organisers will send an invoice for the 50% down payment and will send the remaining balance invoice one month before the final balance deadline.

Cancellations Policy

- Cancellations and changes to your original booking must be made in writing to the Organizing Secretariat.
- The conference organisers will be liable for a refund of Sponsorship monies should the event be cancelled according to the pro rata cancellation policy below.
- Cancellation by Sponsors will be subject to the same pro rata cancellation charge breakdown as below.

Days remaining to event	Cancellation charge
More than 121 days	25%
91-120 days	35%
69-90 days	50%
Less than 69 days	100 %