

VENICE, ITALY

Hands-On Bamboo Construction Workshop

JUNE 16–20, 2027 | **2027**

WORLD BAMBOO CERTIFIED TRAINING

Hands-On Bamboo Construction Workshop
Building the Future of Sustainable Architecture

An immersive, international, hands-on experience in bamboo construction, design, and innovation , **set in the unique landscape of Venice, Italy.**





The **Hands-On Bamboo Construction Workshop is an international, five-day immersive experience** for professionals seeking practical, real-world skills in bamboo construction.

Hosted in Venice, Italy, the workshop brings together global experts, World Bamboo Ambassadors, and international practitioners to explore bamboo through hands-on building, real-scale structures, and collaborative design.

Participants engage directly in the design and construction of bamboo systems, combining organic forms, prefabricated elements, and parametric approaches, connecting traditional knowledge with contemporary and future-oriented architecture.

More than a workshop, it is a global exchange platform that connects participants with an international bamboo community shaping the future of sustainable construction.

Why Bamboo

Bamboo is no longer an alternative material, it is a strategic solution for the future of sustainable construction.

With its exceptional structural performance, rapid renewability, and low environmental footprint, bamboo is increasingly recognized as a key material for climate-resilient architecture, regenerative design, and circular construction systems.

This workshop places bamboo at the center of architectural practice, not as theory, but as a real, buildable material capable of meeting contemporary design, engineering, and sustainability challenges.

Why Now

As the construction sector faces growing pressure to reduce carbon emissions, rethink material choices, and respond to global environmental challenges, the demand for nature-based, low-impact building systems has never been greater.

Bamboo stands at the intersection of innovation, tradition, and sustainability.

This moment calls for professionals who not only understand bamboo conceptually, but who can design and build with it responsibly and confidently.









Workshop Highlights

Bamboo Architecture Company

Theoretical–Practical Workshops
Designed and delivered by Bamboo Architecture Company

✔️ Open to all audiences
✔️ No prior experience required

- Essential foundations of bamboo construction
- Efficient use of tools and assembly methods
- Work with regionally sourced bamboo
- Build real structural elements

This workshop is officially certified under the World Bamboo Organization (WBO) Official Education Certification Program, ensuring international recognition, quality standards, and professional credibility. Upon completion, participants receive a WBO-certified Certificate of Participation, validated, traceable, and globally recognized.









WORLD BAMBOO

The World Bamboo Organization (WBO) stands as a vibrant coalition, uniting individuals, businesses, non-profits, institutions, and trade corporations under the banner of bamboo. Our mandate spans the global discourse on bamboo's environmental sustainability, socioeconomic impact, biodiversity, and cultural resonance. Through our expansive network, we foster strategic alliances and collaborations, driving innovation and advancement within the bamboo sector worldwide.

Join us in harnessing the power of bamboo for a sustainable future.

WBC

WORLD BAMBOO DAY

WORLD BAMBOO Ambassadors

DESIGN GREEN World Bamboo Workshop

WORLD BAMBOO FOUNDATION

@BambooVenice2026

Bamboo Architecture Company

ABOUT BAMBOO ARCHITECTURE COMPANY

Global expertise. Real-world experience. Proven leadership in bamboo construction.
At Bamboo Architecture Company, we go beyond design, we build knowledge, skills, and trust. We are internationally recognized specialists in bamboo architecture and construction, with a strong focus on hands-on practice, technical rigor, and sustainable innovation.

Our work spans Europe, North and South America, and Asia, with experience in countries including the Netherlands, the United States, India, France, Brazil, Peru, Chile, Vietnam, the Philippines, Canada, and South Korea. This global exposure allows us to bring diverse perspectives, tested methodologies, and real construction experience into every workshop we lead.

We have collaborated on projects and advisory work for high-end hospitality and development brands such as Four Seasons, Conrad by Hilton, Anantara, and Grupo Garza Blanca, where design excellence, performance, and sustainability are non-negotiable.

What sets us apart is simple: we teach what we build. Our workshops are grounded in real structures, real materials, and real challenges—covering the full cycle of bamboo construction, from material selection and treatment to structural systems and on-site assembly.

AWARDS AND RECOGNITIONS OF OUR PROJECTS

hospitality design 15th awards WINNER

AHEAD AMERICAS WINNER

World Architecture Festival 2023 Finalist

SBID INTERNATIONAL DESIGN AWARDS

Some of our projects have been published in:

VOGUE · AD ARCHITECTURAL DIGEST · Forbes · designboom · dezeen · Condé Nast Traveler · CNN · REFORMA CORAZÓN DE MÉXICO · Chilango · andina AGENCIA PERUANA DE NOTICIAS · EL HERALDO DE MÉXICO · El Comercio · EXCELSIOR · archdaily

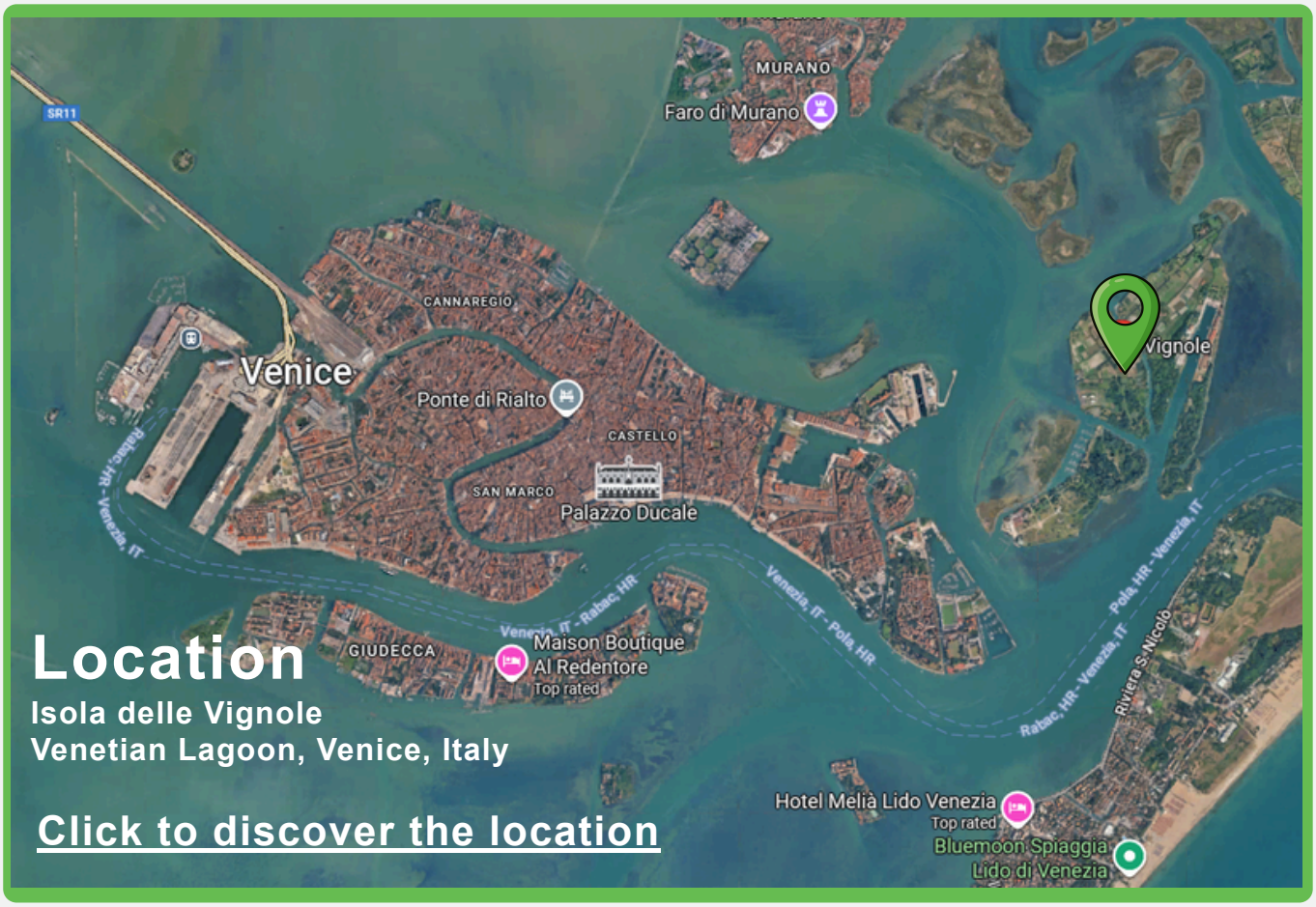
@BambooVenice2026

VERAS – Vignole Renewable Energy & Healthy Agriculture

The venue at Isola delle Vignole, hosted by VERAS, offers a living laboratory where participants engage with bamboo construction within an active framework of renewable energy, ecological regeneration, and community-based sustainability.

VERAS – Vignole Renewable Energy & Healthy Agriculture is a non-profit association founded with a visionary purpose: to transform an abandoned, state-owned land of exceptional environmental value into a living model of ecological regeneration, community resilience, and sustainable innovation.

At the heart of VERAS lies the ambition to create a public Agro-Environmental Park, where nature, food production, and renewable energy coexist in harmony. The project envisions the installation of a photovoltaic greenhouse as the foundation of the Vignole Energy Community, generating clean, locally produced "zero-kilometre" energy while supporting healthy, regenerative agriculture.



Opening / Open Session | Q&A



Location : Centro Civico Scoletta dei Calegheri

Address: Campo S. Tomà, 2857, 30125 Venezia VE, Italy

JUNE 16 th

World Bamboo Ambassadors & International Experts Session

2:00 PM — **Veras | Italy**
Welcome and Opening Remarks

2:40 PM — **Guillermo Mortera — World Bamboo Organization**
Bamboo for a Sustainable Future: Connecting People, Knowledge, and Global Action

3:10 PM — **Arch. Emanuel Panizzolo — BioBambu Italia**
Bamboo in Italy: Opportunities and Local Perspectives

4: 00 PM — **Martin Mortera | Mexico**
Building with Bamboo at Scale: Engineering, Architecture, and Real Projects

5:00 PM — **Close**

Hands-On Bamboo Construction Workshop

Workshop Structure

Participants will be divided into working teams, rotating throughout the day across the following core thematic stations, ensuring hands-on exposure to all key construction techniques.

JUNE 17 th

08:30 – 09:00 | Registration

Participant check-in and welcome.

09:00 – 09:30 | Opening Session

- Introduction to Bamboo Architecture Company , Hosts and VERA'S NGO
- Welcome and presentation of participants, organizers, and hosts
- Overview of the workshop objectives, methodology, and team rotation system

Core Workshop Themes

- Bamboo Model Making
- Fabrication of bamboo scale models to explore structural logic and design principles.
- Organic Bamboo Construction
- Hands-on exploration of free-form and organic bamboo building methods.
- Main Pavilion Construction
- Collaborative construction of the central bamboo pavilion, focusing on structure and assembly.
- Prefabricated Portals and Columns
- Design and construction of prefabricated bamboo portals and column systems.
- Parametric Architectural Design
- Introduction to parametric bamboo architecture, including paraboloid and hyperboloid structures.

13:00 – 14:00 | Lunch Break

18:00 | Conclusion



Bamboo Architecture Company

Hands-On Bamboo Construction Workshop

Workshop Structure

Participants will be divided into working teams, rotating throughout the day across the following core thematic stations, ensuring hands-on exposure to all key construction techniques.

JUNE 18 th

09:00 – 09:15 | Morning Briefing

- Review of Day 1 outcomes and constructed elements
- Overview of Day 2 construction objectives and team assignments

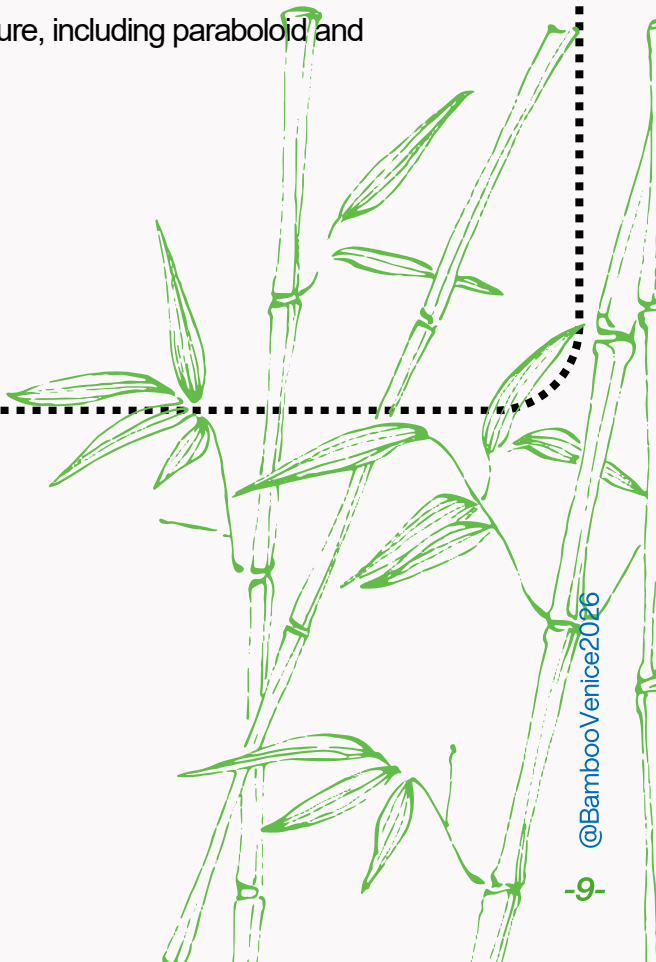
Participants will continue working in rotating teams, further developing the bamboo structures initiated on Day 1, with a focus on refinement, structural completion, and technical execution.

Core Workshop Themes

- Continuation of Organic Bamboo Construction
- Continuation of Main Pavilion Construction
- Continuation of Prefabricated Portals and Columns
- Continuation of Parametric Architectural Design
- Continuation of Introduction to parametric bamboo architecture, including paraboloid and hyperboloid structures.

13:00 – 14:00 | Lunch Break

18:00 | Conclusion



Bamboo Architecture Company

Hands-On Bamboo Construction Workshop

Workshop Structure

Participants will be divided into working teams, rotating throughout the day across the following core thematic stations, ensuring hands-on exposure to all key construction techniques.

JUNE 19 th

09:00 – 09:15 | Morning Briefing

- Review of Day 1 outcomes and constructed elements
- Overview of Day 2 construction objectives and team assignments

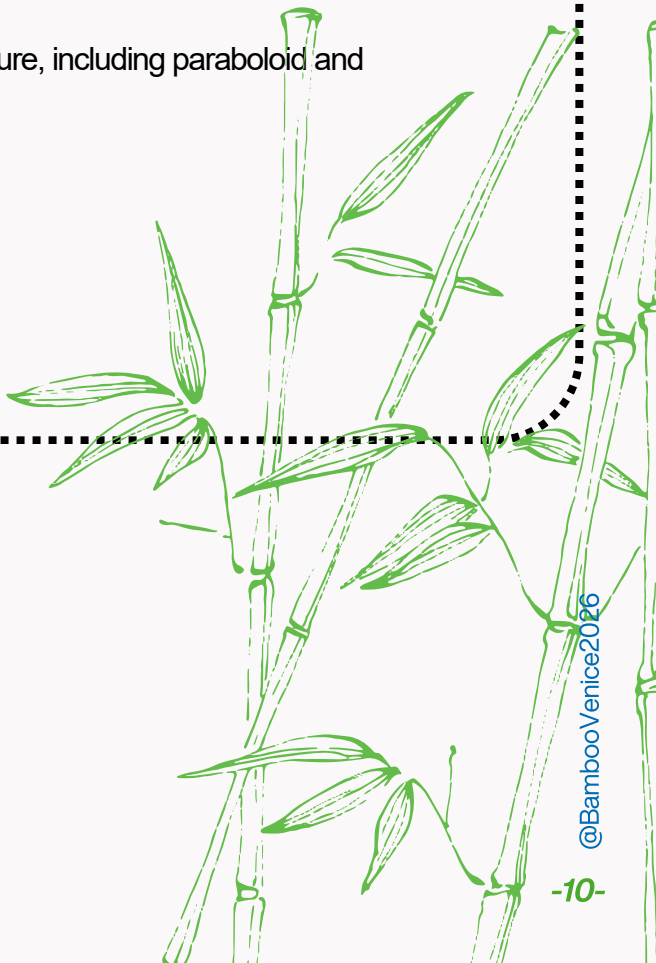
Participants will continue working in rotating teams, further developing the bamboo structures initiated on Day 1 and Day 2, with a focus on refinement, structural completion, and technical execution.

Core Workshop Themes

- Continuation of Organic Bamboo Construction
- Continuation of Main Pavilion Construction
- Continuation of Prefabricated Portals and Columns
- Continuation of Parametric Architectural Design
- Continuation of Introduction to parametric bamboo architecture, including paraboloid and hyperboloid structures.

13:00 – 14:00 | Lunch Break

18:00 | Conclusion



Bamboo Architecture Company

Hands-On Bamboo Construction Workshop

Workshop Structure

Participants will be divided into working teams, rotating throughout the day across the following core thematic stations, ensuring hands-on exposure to all key construction techniques.

JUNE 20 th

09:00 – 09:15 | Morning Briefing

- Review of outcomes from Days 1, 2, and 3
- Overview of final construction goals, completion tasks, and team assignments

Final Construction Phase

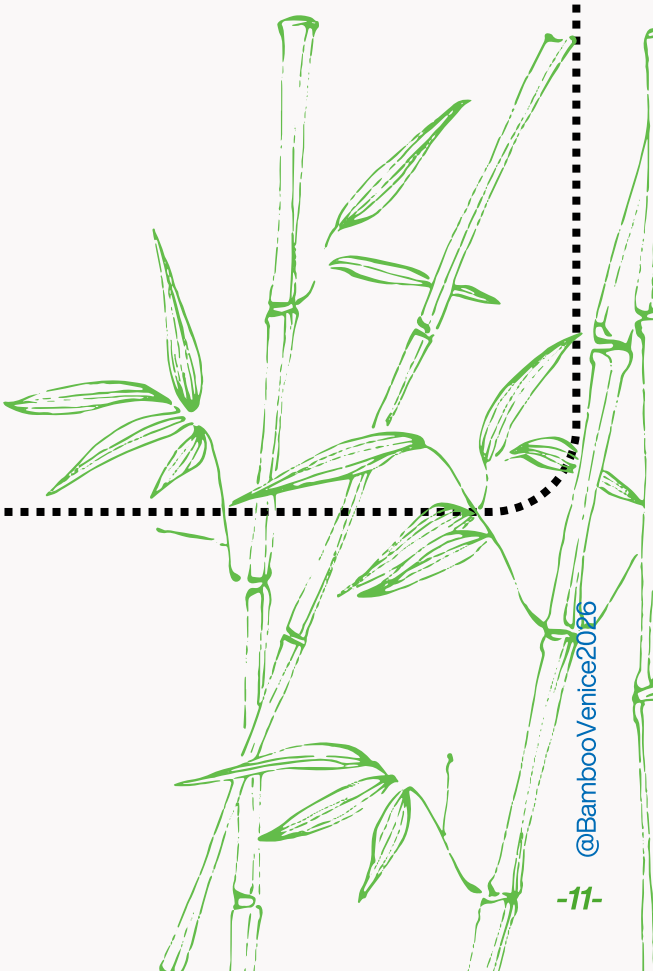
Participants will continue working in rotating teams, completing and refining the bamboo structures developed throughout the workshop, with a strong focus on structural integrity, detailing, and completion.

Core Workshop Themes

- Completion of Organic Bamboo Construction
- Completion of Main Pavilion Construction
- Completion of Prefabricated Portals and Columns
- Completion of Parametric Architectural Structures
- Final Detailing and Finishing Works

12:00 | Workshop Conclusion

- Final walkthrough of completed structures
- Collective reflection and technical feedback
- Official closing of the workshop and farewell



Bamboo Architecture Company

Speakers & Trainers
Hands-On Bamboo Construction Workshop



Martin Mortera (México)

Is an architect, designer, and sustainability advocate with over 14 years of experience specializing in bamboo and earthen (adobe) architecture. He holds a degree from the Benemérita Universidad Autónoma de Puebla, complemented by academic exchanges in Colombia and Cuba.

He is the Executive Director and CEO of Bamboo Architecture México, where he has led major sustainable construction projects across Mexico, Peru, and India for international hospitality brands and institutional clients, including Four Seasons, Hilton, Garza Blanca, and KAN Tulum, as well as governmental projects in Mexico.

Martín is also Co-Founder of the Oro Verde Bambú Cooperative, an initiative focused on alternative education, social economy, and human-centered sustainability. A recognized international speaker, he has represented Mexico at events across Latin America, North America, Asia, and Europe, promoting bamboo as a strategic material for sustainable development.



Orjad Verjoni (Italy)

Is an architect working between Venice and Tirana. He holds a Master's Degree in Architecture and Innovation and a Bachelor's Degree in Architecture from IUAV University of Venice.

He is a co-founder of Cinque Architettura e Ingegneria in Tirana, where he leads project direction, site supervision, and project management for residential, hospitality, healthcare, and public architecture projects, as well as international competitions. In parallel, he works as PM Design Architect at duebarradue in Venice, overseeing architectural design and project coordination across multiple sectors.

Previously, he collaborated with FAAM Architects in Eindhoven, contributing to residential, civic, and urban-scale projects. Orjad is also a professor at POLIS University in Tirana, teaching Urban and Architectural Design. His work has received honourable mentions in international competitions across Europe, including recent recognition in Albania for the Faith Park international competition.

Speakers & Trainers
Hands-On Bamboo Construction Workshop



Guillermo Mortera (Mexico)

Is a Mexican architect and sustainability communicator with international experience in bamboo architecture, environmental communication, and local development. He has served as Director of Communications of the World Bamboo Organization since 2018 and is a Board Member of the NED Jaquith Foundation (USA).

As Co-Founder of Bamboo Architecture Company and the Oro Verde Bambú Cooperative, he has worked on sustainable construction and reforestation initiatives in Mexico, Peru, and India, collaborating with clients such as Four Seasons Group, Conrad by Hilton, and Hilton Group. His work focuses on bamboo as a tool for community development, rainforest conservation, and regenerative design, and he has supported the organization of World Bamboo Congresses and Workshops worldwide.He holds degrees in Architecture and Economic Development and International Cooperation.



Gabriela Gomez (Italy)

Is a Mexican architect based in Venice. She holds a Bachelor's and a Master's degree in Architecture from IUAV University of Venice, with international academic experience at ENSAP Lille (France) and La Cambre Horta (Brussels).
Since 2020, she has collaborated with architecture, urbanism, and landscape studios in Italy, the Netherlands, and Mexico. She currently works with the Italian firm H&A, focusing on architectural development and site supervision for projects within the European PNRR. Her experience includes university campuses, performance venues, and the new entrance pavilions for the Venice Biennale.

Her background also includes collaborations with De Urbanisten, CZ Studio, and Mauricio Rocha + Gabriela Carrillo, as well as participation in specialized research programs and W.A.Ve. workshops in Venice, and technical support for the Mexican Pavilion at the 57th Venice Architecture Biennale.

Speakers & Trainers
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Arch. Emanuel Panizzolo (Italy)

Architect based in Padua, Italy, actively working in the field of interior design since 1999. In 2006, he founded his own architectural practice, focusing on sustainable architecture and environmentally conscious building design. In 2015, he established BioBambu Italia, initiating the development of the bamboo industry supply chain in Italy. In 2018, he received the 1st Design Prize at the BambuRush Competition held at the Franco Maria Ricci Park in Parma, Italy.Since 2020, he has also been involved in the development of superfoods and bamboo-based products made from fresh bamboo shoots. In 2022, he launched a startup dedicated to the research, prototyping, and promotion of bamboo as an innovative material for sustainable development and construction.

Today, his work is focused on the development of bamboo fiber materials for the construction industry, including high-performance insulation panels and energy-efficient bricks, with the goal of positioning bamboo as a viable and scalable solution for the future of sustainable building.



Join Us

Build, learn, and connect in an international bamboo construction experience in Venice.

Secure your place and be part of a hands-on workshop certified by the World Bamboo Organization.

Registration Fee

Students: €270

General Admission: €350

Places are limited to ensure a high-quality, hands-on learning experience.

What's Included
Training materials
Tools, equipment, and safety gear
Access to all theoretical and hands-on sessions
WBO-Certified Certificate of Participation

What's Not Included
Accommodation
Transportation
Meals
Travel expenses

Payment

Online Registration

For fast, secure, and international payments, we strongly recommend registering through Eventbrite.

Register & Pay Online (Credit / Debit Card):
https://www.eventbrite.com.pe/e/hands-on-bamboo-construction-workshop-venice-italy-2027-tickets-2004211120413?aff=ebdsoporgprofile

eventbrite

Bank Transfer

For institutional registrations or direct payments, bank transfer is also available.

Bank Transfer – Italy
Account Holder: Gabriela Gomez Ortega
Bank: Intesa Sanpaolo
IBAN: IT46J0306902113100000011740
BIC / SWIFT: BCITITMM

Bank Transfer – Mexico
Company Name: Bamboo Architecture MX S de RL de CV
RFC: BAM200928I51
Bank: BBVA México
Account Number: 0115843693
CLABE: 012650001158436934



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