



BAMBOO ARCHITECTURE WORKSHOP

October 5 - 8, 2017



BASIC INFORMATION

Dates:

October 5, 6, 7 and 8, 2017

Thursday – Sunday

Time:

Thursday 5th 4:00pm - 8:00pm

Friday 6th 7:00am - 8:00pm

Saturday 7th 7:00am - 8:00pm

Sunday 8th 7:00am - 3:00pm

COST:

\$4,999 Pesos or \$280usd taxes included

INCLUDES:

- Theory and practice all 4 days.
- Vegetarian healthy meals on Friday, Saturday and Sunday.
- Yoga classes
- Digital Access to all presentations given during the workshop.
- All tools and materials necessary for practice during the workshop.
- Workshop diploma.



WHY BAMBOO

Although the use of bamboo in constructions is an ancient technique, in recent decades it has spread throughout the world in an exponential way, becoming a trend in international architecture.

Bamboo has been used in constructions such as bridges, churches, public buildings and dwellings, among others, which required that it be subjected to studies of material mechanics, yielding surprising results. For example, a piece of bamboo is capable of supporting up to 17 tons in compression perpendicular to its fiber, which has even aroused the attention of architects and engineers in the world regarding the possibilities of the material to construct skyscrapers.

Its environmentally-friendly benefits support the intensification of its use because beyond its aesthetic qualities, bamboo is a suitable material to combat climate change since it does not emit gases that intensify the greenhouse effect, on the contrary, it generates 30% more oxygen and absorbs more carbon dioxide compared to other plants such as eucalyptus or pine.



WHY BAMBOO

Bamboo is one of the fastest growing plants in the world, it can grow up to three feet high in 24 hours and, unlike other materials like mahogany that needs 25 to 40 years to grow, bamboo reaches maturity in 3 to 5 years.

All these benefits have made it a great alternative for construction, especially for some local and regional economies with tropical climate where the soil is conducive to its cultivation, becoming a material of easy access and low cost.

From ecological cabins to monumental structures, frames, floors, beams, walls, and coating are currently being manufactured in Mexico.

It is undoubtedly one of the materials of the future, however currently there are not enough trained laborers in Mexico to expand its use in formal architecture. This workshop is an opportunity to learn this technique and in turn generate new jobs for construction of affordable social housing.



OBJECTIVES + THEMES

OBJECTIVES

Study of bamboo characteristics and its advantages as a material for construction.

Encourage and provide the necessary tools for the attendees to be able to design, plan and construct a bamboo structure.

Build a specialized labor force integrating construction with bamboo.

THEMES

1. Foundations with recycled tires.
2. Bahareque construction technique.
3. Climate change and bamboo.
4. Ojta's path.
5. Quality criteria for bamboo architecture
 - Selection of species
 - Selection of bamboo piece
 - Cutting, preservation and drying of bamboo
 - Preservation tests
6. Protection by design
7. Bamboo connections
8. Structural systems
9. Elaboration of bamboo structures
10. Bamboo finishings
11. Bamboo structural resistance test

This course is aimed at anyone interested in bamboo construction, meaning that no prior knowledge of architecture is required. However, it should be noted that technical language will be provided to architects and engineers.



PROGRAM

DAY 1. THURSDAY OCTOBER 5TH, 2017.

Initial talk + theory on foundations made of recycled materials

DAY 2. FRIDAY OCTOBER 6TH, 2017.

Morning yoga

Healthy breakfast

Practice: foundations with recycled materials

Theory: construction with bamboo

Healthy lunch

Practice: construction with bamboo

DAY 3. SATURDAY OCTOBER 7TH, 2017.

Morning yoga

Healthy breakfast

Practice: construction with bamboo

Theory: construction with bamboo

Healthy lunch

Practice: construction with bamboo

DAY 4. SUNDAY OCTOBER 8TH, 2017.

Morning yoga

Healthy breakfast

Theory: construction with bahareque

Practice: construction with bahareque



BRIEF DESCRIPTION

Learn about alternative and cutting-edge construction techniques while all participants will contribute to the construction of the "Centro". A creative and cultural center for and for the community of Sayulita.

During the practice the foundation, the structure of bamboo, and the construction of walls with bahareque will be created for the "Centro." The participants will have the opportunity to understand the techniques in a theoretical and practical manner.



ABOUT FESTIVAL SAYULITA

Festival Sayulita is an organization created to contribute to the strengthening of the community of Sayulita through creativity and the arts, creating a positive impact on the social issues of this community. Throughout design and construction, the “Centro” is focused on fulfilling these objectives.

Festival Sayulita is the organization behind an annual event where world famous international music groups, independent international film screenings, accompanied by performances by great international chefs and the artisan work of Mexican communities, among others, come to share their arts in Sayulita.

The organization began with few members and they have been adding more volunteers, asking for help, guidance and ideas. These all coalesced into a long term plan to contribute to the equity, equality and conscience for the inhabitants of Sayulita.

Festival Sayulita has become the self-sustaining financial engine that provides most of the funding for a creative and cultural center for the community.

The architectural model is inspired by materials from the region and is built in a modern style using innovative and progressive construction techniques.

The "Centro" will be created as an inspired space with programs led by professionals who teach about art and creativity, environmental studies, sports, relaxation techniques, human development and to improve health, among others; with an interactive library, multipurpose shared areas and outdoor spaces.



LODGING

As part of our benefits for assisting the workshop, you can get a 20% on the days you require accommodation in Sayulita at the marvelous Hotel Kupuri.

Located in: Gaviotas 12, Sayulita, Nayarit Mexico

Phone number: 523292913218

Facebook: @hotelkupuri

Mail: hotelkupuri@hotmail.com

If you wish to stay at Hotel Kupuri, please call or send an email so we can send an email with the promo code and therefore you can enjoy your amazing accommodation at an even better price!



HOW TO GET HERE

The address for the workshop:

Teresa Trujillo street #6 in Sayulita, Nayarit zip code 63734

<https://goo.gl/maps/c2eAnnHYKGw>

Bus: There are regular buses to Sayulita, which leave from Tepic, Guadalajara or Puerto Vallarta.

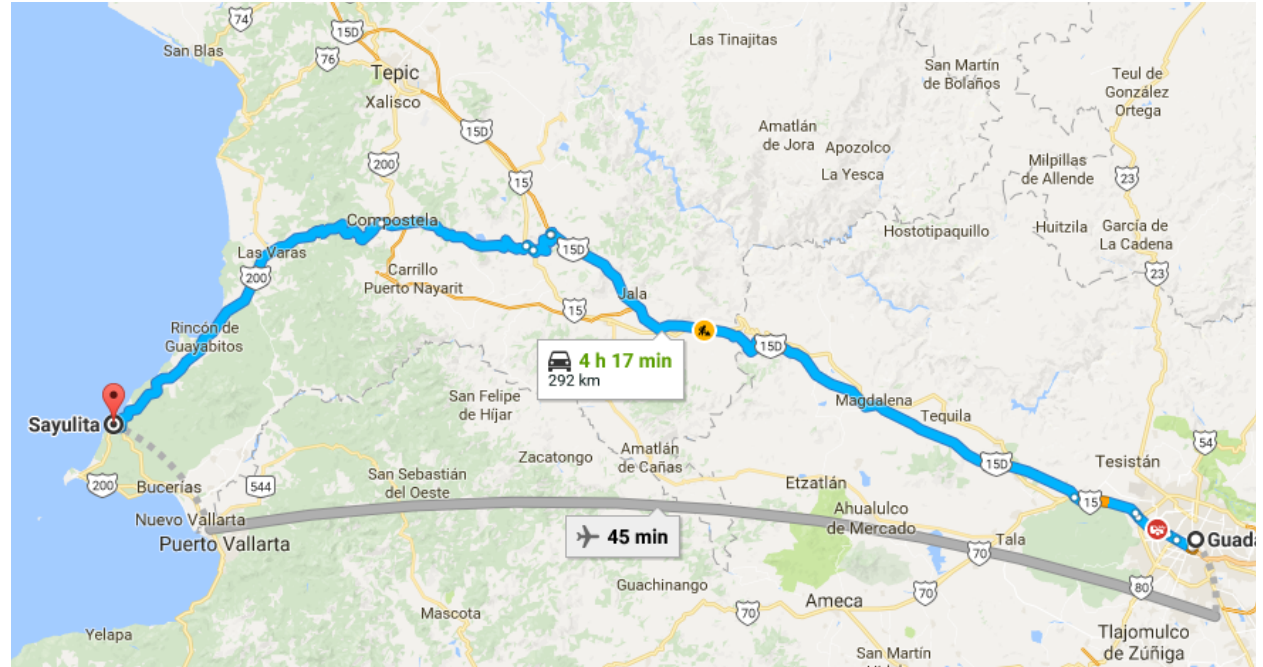
Plane: arrive at Puerto Vallarta airport and take a local bus to Sayulita (an hour's drive from Puerto Vallarta)

Private car: take the highway 15D Guadalajara - Tepic, turn off (following the directions to go to Puerto Vallarta) towards Compostela on the 68D road until you reach Highway 200 towards Puerto Vallarta. 30 km after Guayabitos, is the entrance to Sayulita.

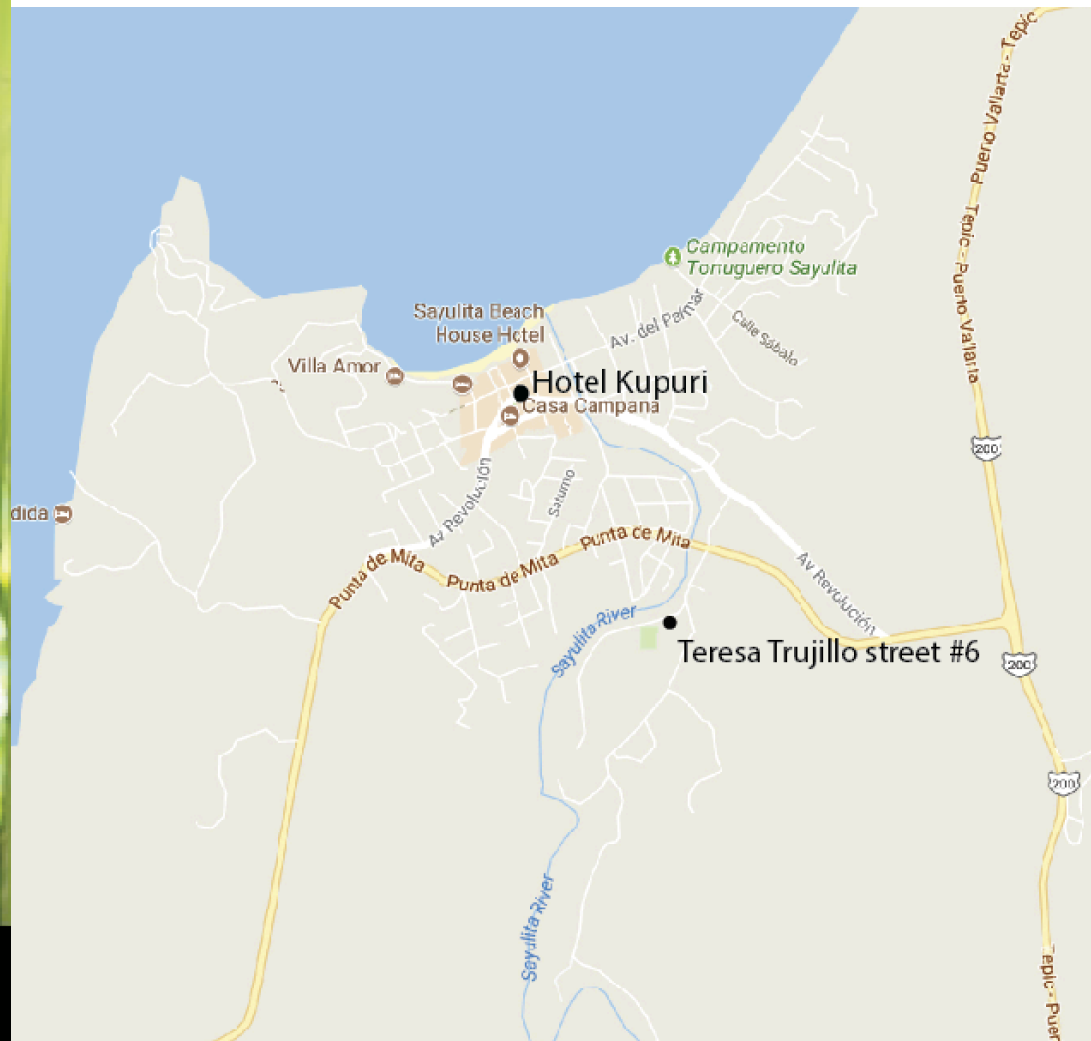
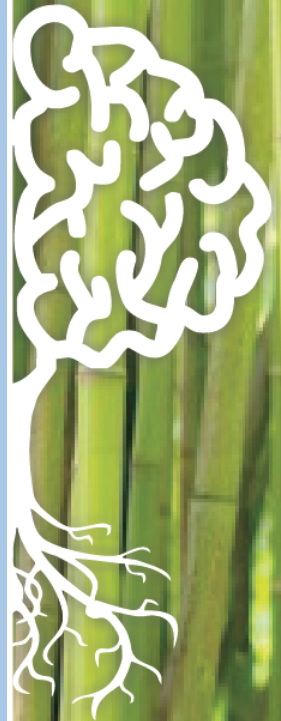
Attached is a map of the area that will facilitate the location of the place where the workshop will be held.



MAP 1



MAP 2



TO SIGN UP

There are two ways to sign up:

A) Register online, pay in full

[Click here to Register online.](#)

B) Deposit 30% now to reserve your place and pay total upon arrival

To assure your place at the workshop, you must deposit 30% of the total amount of the cost, which is non-refundable. Then you must send a copy of the deposit for the total amount of \$1,500 pesos.

The email is centro@festivalsayulita.com

In a period of no more than 2 days you will receive a confirmation email. And once you get to the workshop you can pay the rest of the total cost. The account is as follows:

Bank: Intercam Banco

Account number: 042994580013

Name: Festival Sayulita SA de CV

RFC: FSA1406172A5

Clabe interbancaria: 136578429945800135

*In case you need a factura, we can gladly send it to you.



ABOUT OJTAT

WHO WE ARE.

We are a group of architects whose objective is to promote an integral, sustainable, regenerative and resilient way of living that allows the individual to develop in a healthy way. All this is accomplished through the creation of healthy spaces, furniture, ecosystems, workshops to develop skills, growing food, consuming in a healthy and conscientious way and the development of positive habits in the physical, mental and spiritual dimension. Starting with the personal level, continuing with the community and finally adding up all the efforts to achieve the collective project.

To achieve our goals we have different initiatives in which the architectural firm is motivated to find new ways of designing and constructing healthy spaces and environments for the people who wish to live in them. But at the same time we look for ways in which we can regenerate the ecosystems and that its daily use helps to diminish and reuse the vital resources as a positive answer to mitigate and adapt to climate change.

We integrate natural cycles of water, energy, vegetation, food and waste coupled with human development toward a more harmonious and equitable manner with the environment. All this contributes to a more sustainable model of economic development, which is ecologically responsible and socially just. The spaces we develop are lasting, comfortable and full of harmony, health and peace.

THE WAY WE WORK.

In the architecture workshop we allow ideas to develop creatively to incorporate the functional needs of each project with the global environmental needs.



OJTAT MEMBERS

Arch. Antonio Ricardo Leyva Cervantes

Graduated from the Universidad Iberoamericana in Puebla, Mexico, he did his masters in Regional Studies, Environment and Development in the same University. He has taken many workshops focused in sustainable architecture like: vertical gardens with Unusual Green, Bioconstruction with Gernot Minke, construction of bamboo structures in Cali, Colombia, Community enterprises of Ecotourism in Patzcuaro, Michoacán, Natural construction in Proyecto San Isidro, Tlaxcala, Sustainable Architecture in Politécnico de Torino, Italy and Alternative Energy: Appropriate Technology in Valencia, Spain. He has been a professor teaching Sustainable Architecture and Urban Landscape in the Universidad Iberoamericana in Puebla, aside from giving out talks and conferences in different national universities.

He has taught workshops on bamboo construction and other sustainable techniques in many Mexican states like Puebla, Veracruz, Guerrero, Jalisco, Sonora, Chiapas, Morelos, Oaxaca and Coahuila. In 2008 he was chief coordinator and expositor in the Segundo Congreso Mexicano del Bambú, in Puebla, México. He was part of the Colectivo Metropolitano, which is focused on the development of studies and projects to promote urban sustainability, he is member of the Academia de Arquitectura Capitulo Puebla and is currently the General Director of Ojtat, specialized in sustainable architecture, where he has designed and constructed multiple projects, Eco touristic developments, parks, environmental centers, ecological housing and green walls all over Mexico.

He has coordinated projects which have to do with the development of marginalized groups like the Programa de Acopio y Preservación del bambú en la Mixteca poblana. Programs which help young men on the street through the commercial transformation of bamboo in Puebla. He participated in the project of alternative tourism Tosepan Kali in Cuetzalan, Puebla and the program of construction and managing of ecological techniques in Tlaxcalancingo, Puebla. He also participated in the project células de contención, aimed to stop the urban growth by producing food, infiltration of water, sustainable ways of life in the city. His work has been published in many architecture books.



OJTAT MEMBERS

Arch. Samanta Pratt Limón

Graduated from the Universidad de las Americas Puebla, and she has taken workshops on architecture, environmental themes and yoga.

In architecture, she assisted to the GreenBuild International Conference and Expo in Chicago; with the theme: incorporating LEED Specifications into Projects, and she has taken workshops about themes like Biointensive Harvesting, Bamboo construction and Roofs and Natural Finishings. Her University Thesis focused on Urban Parks, especially the Metropolitan Park in Puebla incorporating sustainability criteria. She has participated in many projects that include: Environmental strategies incorporated into houses of Puebla, SEDUVI: a model of intervention to rescue the Magdalena river: Los Ecobarrios, Urban intervention in Cholula 10 x 10 in San Andrés Cholula, Puebla, CAPUFE: a system of Environmental Indicators for linear infrastructures: Carreteras de Cuota, Master Plan for the Participative Managing of solid residues in markets of Cuernavaca, Morelos, Purification systems of Rainwater as a strategy to improve its treatment in Distrito Federal, México and participated in developing the Master Plan for building a Sustainable Campus in the Colegio de Postgraduados (COLPOS). She participated in the design and construction of a bamboo bridge and bamboo forest in the Ecoparque Metropolitano in Puebla, and also in the design and construction of the Centro de Educación Ambiental for Volkswagen Mexico in the parque nacional izta-popo, Puebla and finally in the construction of a bamboo structure for a public building in El Amate located in the Parque Chapultepec in Cuernavaca Morelos.

In Yoga matters, she was a volunteer in Bal Rashmi Society as an English teacher, environmental education and Arts for children in elementary school in Jaipur, Rajasthan, India, she got her Hatha Yoga Certificate with Pranadharma Yoga in La Paz, Puebla and her 200 hours Teacher training Certificate in Shiva Yoga Peeth located in Rishikesh, India.

Since 2011 and up to today, she works in Ojtat in sustainable and ecological projects. She has incorporated Sadhana Project as a project of positive habits and Yoga for personal transformation and the well-being of communities.



OJTAT MEMBERS

Arq. Juan Sebastián Ibarra Rodríguez

Architect Juan Sebastián Ibarra Rodríguez graduated from the Insurgentes University of Mexico City. In addition to the Bachelor's degree, he carried out several complementary studies such as Bamboo construction and regional materials, green walls and ceilings, natural finishes, construction with compacted soil, dry toilets, gray water filters, storm water management and biointensive orchards.

He collaborated in “Ayúdame que yo también Soy Mexicano AC” (First Place of Initiative Mexico, 2011) building housing with eco-techniques as Architect Coordinator in Oaxaca, Guerrero, Puebla and State of Mexico. As part of this work, he was part of the winning team of the 2011 National Housing Award for the work done in the community of San Juan Petlapa.

He participated in the design and construction of two schools in coordination with Habitat for Humanity A.C. and The Kennedy Foundation in the community of Buena Vista, Guerrero.

With the support of the El Arte de Vivir foundation, he participated in the creation of a 300-person dining room with orchard and farm animals in the community of Santiago Mitlatongo, Oaxaca.

The ideal is to turn the house into a space where comfort and security interact, a place not only to live, but a space to live, full of sensations. A place friendly with the climatic conditions that in turn allows people to enjoy them.

Based on the premise that the best way to be able to realize these spaces is to do the least possible damage to the planet and cutting the chains of economic power. To make the entire process more equitable and not cannibalize the planet and all who depend upon it.

Architecture and art make magic for living and generate spaces which serve humanity.



CONTACT

MORE INFORMATION:

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WEB PAGES:

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