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I. About Zacatecas City

It has a privileged location in north-central Mexico, connected both by land and by air with important cities in Mexico and the United States. Since its establishment as a mining camp in the 16th century, Zacatecas has long been valued for its rich deposits of silver and other minerals, in fact it still ranks number one in silver production in the country. It is a place full of history and is notable for its harmonious design and Baroque profusion of its façades, where decorative elements have been magnificently carved in pink stone. Zacatecas is a magical land of legends, where you can be amazed by a fantastic selection of museums or you can appreciate some of this land's most rugged and stunning natural scenery, everything under intensely blue skies. This destination offers rich cultural heritage, architectural wonders, unforgettable adventure experiences, wide array of activities, festivals, romance, food and much more.



Be dazzled by beautiful Colonial Architecture, alleys with numerous legends, bars and restaurants full of tradition and much more. There are biking tours and Trolley Sightseeing – including night tours-, or you can walk on your own and explore the most beautiful corners of the Centre of Zacatecas.

Travel around a popular neighborhood with 30 colorful murals created by 40 urban artists of all ages and various countries. Along the tour you may stop at a local pulquería to try Mexico's oldest alcoholic beverage (Pulque, a milky-viscous beverage based on the fermented sap of the maguey plant) and some regional specialties.

Tourists Visa.

Nationals of certain countries can visit Mexico for up to three months without a visa; any foreign visitor requires their valid passport to enter Mexico; considering stays of not more than 3 months and if that is the case, it requires permission to stay longer than that time; there are some countries is required to have Visa; please check the countries list.

For more information, please refer to the following webpages:

<https://www.gob.mx/sre/acciones-y-programas/visas-para-extranjeros-8036>

<https://www.gob.mx/cms/uploads/attachment/file/8932/visasordinarios.pdf>

II. Conference Venue



The proposed venue for GUADEC 2020 is the Science, Technology and Innovation Council of Zacatecas; it is an enclosure that is part of the architectural complex of Cozcyt, created essentially to carry out academic, cultural and institutional events related to science, technology and innovation; in this complex is located the Free Software Laboratory that has been consolidated as a highly specialized instance in the development of technological projects, taking advantage exclusively of FOSS technologies, involving young university students who, with the aim of catalyzing their talent and skills, enrolled them in real projects .



The center of communication and dissemination of science of the Zacatecan Council of Science, Technology and Innovation is a fairly versatile complex given the architectural design that allows to have 4 rooms of up to 50 people as transform it into a room of up to 200 people comfortably seated including tables of work.

Similarly, the Free Software Laboratory has 3 rooms with a capacity of up to 20 people and can become one that houses up to 70 people without problem; complemented by a computer center with 20 desktop workstations with high processing capacity.

Its facilities have adequate areas for communication and dissemination of the CTI, such as:



Auditorium: Capacity for 190 people, three spaces for people with different capacities.



Free Software Laboratory: Three classrooms with capacity for 20 attendees each.



Aula Magna: Capacity for 200 people.

Multi-purpose classrooms: Four classrooms with a capacity for up to 40 people.

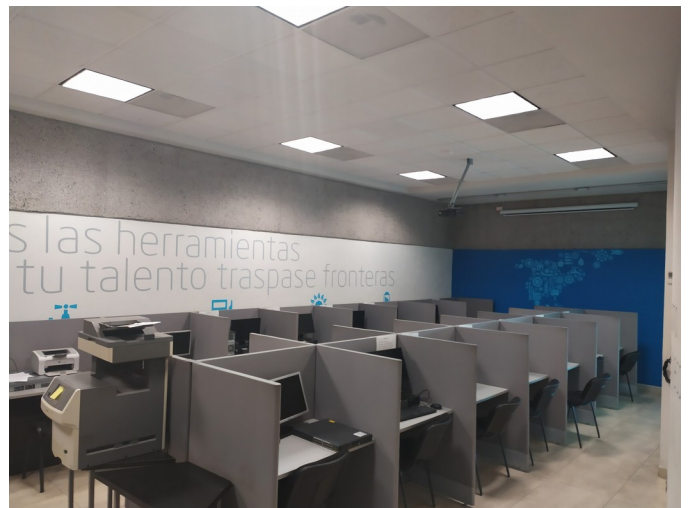
Executive classrooms: Two classrooms with capacity for 20 people.

Computer Room: With 20 desktop equipment available.

board for presentations.

Library: It has equipment to make video conferences and smart

Lobby: Adequate space for exhibitions, presentations or adaptable for event support.



CECODIC has technology, communications and audiovisual equipment for its service, such as:

- Comfortable and functional furniture.
- Wireless Internet.
- 110v-220v electric current service.
- Air conditioning in all spaces.
- Smoke free building.
- Technical support.
- Logistics for assembly.
- Cleaning.
- Parking lot.
- Access and spaces for people with different abilities.
- Professional audio.
- Projection equipment.
- Sanitary supplies
- Fire-fighting equipment.
- Institutional signaling.
- Giant screens in the auditorium and classroom Magna.
- 40-inch LCD screens in the lobby.
- Foldable desks in Auditorium.
- Specialized advice on protocol and academic events.

III. Logistic and Dates

GUADEC is regularly held in summer, which has been optimal in the past editions, which for our proposal being the headquarters of the City of Zacatecas is even more favorable because it is the time of the year with the best climate; a climate between mild and moderate heat; considering the following:

- Between the months of May and June, it is the end of the semester in the institutions of our academic community.
- At the end of July DebConf takes place.
- From the second week of August the academic community returns to normal activities, generating a more active scenario.

Therefore, it leaves us a time window between the first and the last week of August to make a great GUADEC 2020.

Based on the aforementioned, the proposal is that GUADEC 2020 Zacatecas finds the best dates from **August 13 to 18, 2020**.

Thursday 13th -> Pre-registration and touristic tour at City Downtown and dinner.

Friday 14th -> Conference schedule, workshops and Music Night at “La Mina” Club.

Saturday 15 -> Conference Schedule, workshops and social “Callejoneada Cultura”.

Sunday 16th -> Conference and event closing with a typical food “Taquiza”.

Monday 17th -> Travel to “La Quemada” and the town of Jerez.

IV. Cultural and Social Events

Museums

Zacatecas has a wide variety of museums where in each of them shows the cultural diversity that the place has. Among the most outstanding museums are the Manuel Felguérez Museum, Pedro Coronel Museum, Rafael Coronel Museum, Guadalupe's Museum, University Museum of Sciences among others. In each of these museums the History of Zacatecas and Mexico in general is denoted.



Historic tour

One of the main tourist attractions that Zacatecas has is the tour of the historic center, in this one, the history of the place of different points of view is explained. On this same tour is made a visit to the Eden Mine considered the most important mine in the Area at the time of the Spanish conquest, which today only functions as a tourist attraction. Part of the tour is to get on the cable car and get to know the main streets of the city from the alto.es tourist attractions that Zacatecas has is the tour through the historic center, in this one, it explains the history of the place of different points of view. On this same tour is made a visit to the Eden Mine considered the most important mine in the Area at the time of the Spanish conquest, which today only functions as a tourist attraction. Part of the tour is to get on the cable car and thus get to know the main streets of the city from above.

Underground bar!

In Zacatecas there is the only bar in the world located several meters below the earth, it is located within the best known mine of the State, the Eden mine. It offers an extensive cocktail service and has a dance floor to enjoy a pleasant evening moment.

Callejoneada

Zacatecas stands out for the joy with which the festivities are lived, a clear example of this are the traditional alleys that are held in the main alleys of the city center. A "callejoneada" is a walk of a group of people where the typical music of the region is present, in this case the drumming. at the front of the alley is a donkey that carries two pitchers with the typical drink of the state either pulque or mezcal.

Archeological zone “La Quemada”

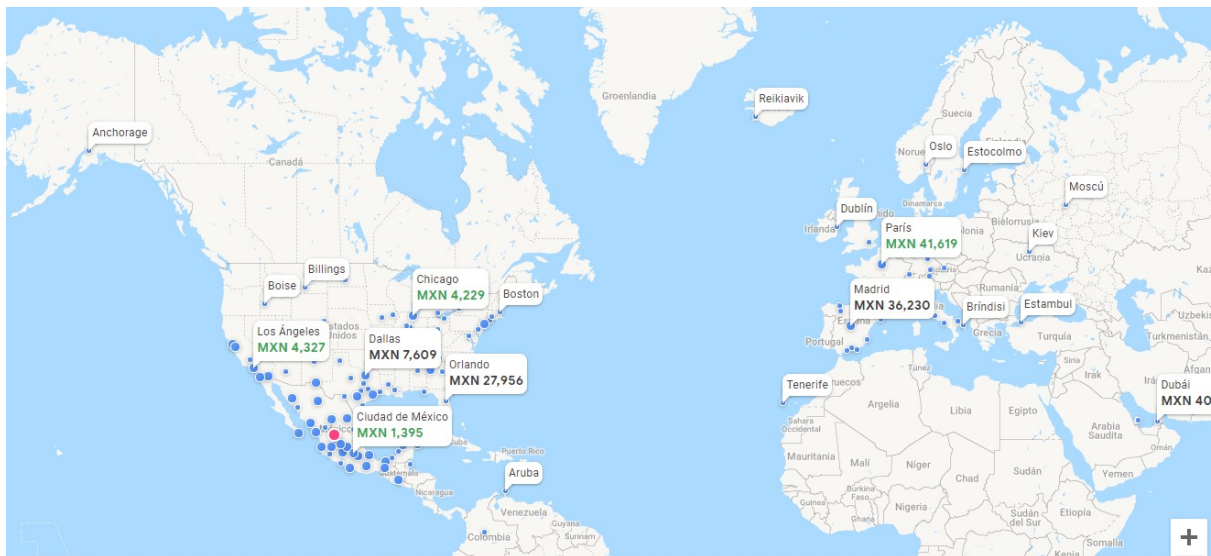
"La Quemada" is one of the main archaeological areas of the state. The history and cultural richness it shows is of paramount importance to the identity of all Zacatecans. It is located in the southern center of the State of Zacatecas



V. Travel and Accommodation

Airplane:

Zacatecas International airport “General Leobardo C. Ruiz” IATA code: ZCL, is well connected and have daily domestic and international flights,



Bus:

Zacatecas International bus station, have daily travels from/to Zacatecas to all the states in México and several USA states including Texas, California, among others, tickets range from 5 usd up to 150 USD depending on the destination.

ZACATECAS CLOSER THAN YOU COULD EVER IMAGINE



DISTANCE CHART FROM ZACATECAS TO:

CITY	DISTANCES KM	APPROXIMATE TIME
Aguascalientes	117.8	1 h 34 min
Ciudad de México	616.2	6 h 30 min
Durango	288.2	3 h 16 min
Guadalajara	341.9	4 h 6 min
Guanajuato	318.3	4 h 7 min
Mazatlán	545.2	4 h 33 min
Mérida	Vuelos diarios vía CDMX	
Monterrey	461.1	4 h 59 min
Puerto Vallarta	666.9	8 h 41 min
Queretaro	395.6	4 h 47 min
Tepic	545.3	6 h 28 min
Torreón	389.9	4 h 31 min
Saltillo	373.3	3 h 52 min
San Luis Potosí	193.2	2 h 17 min
San Miguel de Allende	349.6	4 h 25 min
Reynosa	676.3	7 h 13 min

Local

Public transportation:



++Zacatecas, City is well connected by public transportation including: Bus and Taxi, typically, bus stops are within 200 mts apart covering the entire city, the current bus ticket price is 0.5 usd /person, buses run approximately 15 min apart, and taxis may vary from 1.5 usd to 8 usd for a full end to end city trip. Zacatecas also have the major app-based players including Uber and Cabify.

Accommodations:

There are several accommodation options in the city, which are mostly concentrated in the city centre near the venue, we recommend spreading attendees over a number of accommodation options. The high availability and price options will make sure that everyone can find an accommodation option that will satisfy their personal taste and budget. Zacatecas have some world wide unique hotels, such as the Quinta Real Hotel, this 5* hotel was built over a bullring, other espectacular Hotel is the Baruk Teleferico,

this 5* hotel have a cable railway to see the city from above. The cheapest options would start from approximately 10USD for a dormitory bed in a hostel. For a stay in a 4* hotel, the price of a double room is typically around 25-35 to USD per night. 5* hotels can cost up to 150USD per night for a double room. And other option is app-base apartments such as AirBnB with prices ranging from 10 USD night up to 100 USD for a full house /night. The list of hotels will be announced at the future website. The COZCYT will provide a list of hotels with preferential rates.



VI. General and Typical Food

Thanks to its geographical location and the important role that Zacatecas played in the historical development of Mexico, Zacatecas welcomed a great cultural diversity, because of this, Zacatecas has been the cradle of many traditions, typical dishes, drinks and dances.

The typical cuisine of Zacatecas has a variety of dishes, among which stand out, the "Asado de bodas", "enchiladas", "mole", "tostadas", "tacos", there are different types pozoles, but there is a special type made with purple corn, there are a big amount of broths, two of them are vegetable broth with chipotle and beef broth.



Option for breakfast includes "gorditas" that are biscuit-like packages of cooked cornmeal, stuffed with different dishes and flavors, the most common and traditional place to try them, it is called "Gorditas Doña Julia". An other option is "menudo", that is a spiced, reed, broth, made with beef.

Later on, in the afternoon, for the lunch time and dinner, if you really want to try the real flavor of Zacatecas, the perfect option is the "Asado de bodas" that is the most typical and representative dish of Zacatecas, which consists of pork leg marinated with dried chillies and aromatic spices served with rice and beans. One of the



options to try a good "asado de bodas" is the traditional restaurant "La Cantera Musical", that also is one of the favorites restaurants for tourists.



Zacatecas also has a wide variety of traditional drinks such as pulque, mezcal, craft beer and wine, it should be noted that in Zacatecas there is an important wine company called "Tierra Adentro", an internationally known wine brand.

The average amount of money needed for a good meal, range from **\$5 USD** (\$100 MXN) to **\$10 USD** (\$200 MXN).

Zacatecas is well known for its large range of sweets and typical desserts, in the typical sweets has the "alfajores", "guayabates", "mechonas", etc., and for desserts you have the snow of garrafa, sweet potato boiled with guava syrup, membrillo ate.

Zacatecas has a huge amount of restaurants and food stalls, if you go to the downtown is for sure that you are going to find something delicious to eat. But, because of the zacatecan food is prepared with a variety of condiments and meat, the event will have a special menu that it is going to include vegan food, vegetarian food, gluten free food, etc.

VII. Tourism and Tourist Attractions

15 UNIQUE EXPERIENCES YOU CAN ONLY LIVE IN ZACATECAS

1. Become a Silversmith for the Day
In the Silversmith Center of Zacatecas you can understand the mechanics of how jewelry is made, and if you want, you can create a beautiful piece with your own hands.



2. Ancient Site for Stargazing Access
to the magical site of La Quemada at sunset. With no light pollution you can just laid down on the grass and admire an oceanstars; telescopes are also available to visitors to provide an even more memorable stargazing. A good way to end up this experience is enjoying the delicious flavors available only that region !

3. El Cerro de la Bufa, history and adventure
The views from the top are superb and there are a number of other attractions: an interesting group of monuments, a mausoleum, a chapel, an observatory, and a museum. It is also the site of a zip-line, and a teleférico (cable car). You can take a ride aboard the 30-30 panoramic train, or ride an ATV up the hill.



4. Callejoneada Zacatecana (alleyway parties) They start in the main square and winds its way around the narrow streets and alleys of the city, until the party reaches La Alameda. All along the way there is cheerful music of the “Tambora” (consists of winds and percussion sounds) and a donkey laden with mezcal, so the entire crowd drinks this beverage in little jars called “jarritos”.

5. From Earth to Sky The tour offers a visit to the legendary El Edén mine, where visitors can admire striking rock formations, mineral colors, and underground machinery, as well as the Museum of Rocks and Minerals, the largest of its kind in Latin America. On the way down from Cerro del Grillo take an exhilarating ride straight

over the heart of the city in a modern cable car.

6. A nightclub in a mine To get to the bar, you’ll have to take a four-minute train ride through 600-foot-long underpass, the rattling train ride fulfills its promise of “another level” experience. At the disco, you’ll be surprised by its acoustics and the pulsating lights of the carved dome.

7. Learn more about the MexicanTravel through time and become part of the General Villa’s troop and learn about the battle of Toma de Zacatecas in 1914, through augmented reality and interactive multimedia. In addition, enjoy a tasting of mezcal, sweets and selection of local cheeses.

8. Legends and more legends Visit the gardens and old squares in a night tour while drinking mezcal and sample some typical sweets. Discover the famous buildings and landmarks that harbor mysteries, including a house where actors recreate stories of love, tragedy and terror. There is another option to learn about the legends in Zacatecas. You may join “el Diablito de Zacatecas” (the devil) an archetypal figure who shares spine-chilling stories as he interacts with the tour participants along the way.



9. Enjoy the Historic Centre of Zacatecas Be dazzled by beautiful Colonial Architecture, alleys with numerous legends, bars and restaurants full of tradition and much more. There are biking tours and Trolley Sightseeing – including night tours-, or you can walk on your own and explore the most beautiful corners of the Centre of Zacatecas.



10. Calderon Theater, tragedy, mystery and history; Stories based on real life historical events like the theater fire, the yellow fever outbreak, and some of the battles that took place in Zacatecas are played by phantasmagoric characters.

11. Explore the San Bernabé Mine This off-road ATV adventure offers intrepid travelers a ride through the dusty trails with nopal cactus, capricious rock formations, ponds and a dam. Then you can dig into one of the first major vein of silver in Zacatecas; access the mine through a tunnel of almost 330 feet-long and learn about the history of mining in the region.

12. Are you a beer lover? You can visit Cervecera Modelo, the world's second largest brewery, producing as many as 18.7 million beers a day and distributed 180 countries. Here you will enjoy the unmistakable aroma of the brewing process, the atmospheric enhancement of gleaming steel tanks, and of course the beer tasting.



13. If you love drinking wine. Whether by bike train or on foot, Vinícola Campo Real wine tours are an authentic wine country experience. Discover its unique production process and visit the Museo de la Barrica (Barrel Museum) with a unique display of barrels painted by famous Zacatecan artists. A great place to visit, especially at sunset, for a wine tasting experience you will never forget.



14. Converted bullring, now a luxury hotel
One of the most singular hotels the world, built into the grandstand of San Pedro's beautifully restored 19th century bullring. Ingeniously preserving the character and beauty of the original structure. Learn about the legend of a passionate love story and why it is considered one of the most romantic places in town.

15. ATV is the best way to explore MuralTravel around a popular neighborhood with 30 colorful murals created by 40 urban artists of all ages and various countries. Along the tour you may stop at a local pulquería to try Mexico's oldest alcoholic beverage (Pulque, a milky-viscous beverage based on the fermented sap of the maguey plant) and some regional specialties.

VIII. Team

Main Board GUADEC 2020 at Zacatecas

- Manuel Haro - Open Source Lab



Education: Computational systems engineer.

Occupation: Open Source Lab leader.

Interest: Open Source Development, Administrative Systems, IoT.

- Alberto Faz - Science and Technology Council



Education: PhD in Administration

Occupation: Innovation and regional development director at COZCyT

Interest: Innovation, business management and administration

- Carlos Galván - Zacatecas University



Education: PhD in Information Technology

Occupation: Full-Time Research Professor at Autonomous University of Zacatecas

Interest: Bioinformatics, ubiquitous computing, context awareness, game development.

- Issac Galván - Zacatecas University



Education: PhD in Information Technology

Occupation: Full-Time Research Professor at Autonomous University of Zacatecas

Interest: Bioinformatics, multifactorial diseases, autonomous cars.

- Jose Maria Celaya - Zacatecas University



Education: PhD in Information Technology

Occupation: Full-Time Research Professor (CONACyT) at Autonomous University of Zac.

Interest: Automotive HMI, Artificial Intelligence, Autonomous cars.

- Jose Astrain - Open Source Lab



Education: Computer engineer

Occupation: Colaborator at Open Source Lab/Freelance

Interest: Artificial Intelligence, Software Development, Data mining.

- Sahara del Rio - Open Source Lab
- Hector Ramírez - Researcher
- Ricardo Arredondo - Freelance

Academic Team

- Joyce Lozano - Intel



Education: Master of engineering science

Occupation: Intel/Colaborator at Open Source Lab

Interest: Automotive HMI, Artificial Intelligence, Data-Social mining.

- Eduardo De Avila - Student
- Maritza Esparza - Wizeline
- Yonathan Martinez - Continental
- Alejandro Mauricio - Zacatecas University

Staff

- Alejandra Flores - Science and Technology Council
- Nayeli Alcalá - Science and Technology Council
- Ivan Jimenez - Science and Technology Council
- Javier Saldivar - Zacatecas University

IX. Budget

If the conference is co-organized with the Science and Technology Council of Zacatecas (COZCyT) all conference room and halls are free of rental charge. COZCyT hopefully will handle finances as local organization.

Venue COZCyT Offer	Estimated Low	Estimated High
Organization Implementation / Secretarial services	\$ 4,000 USD	\$ 5,000 USD
Technical Support/H/Y Support	\$ 600 USD	\$ 900 USD
Conference Material (folders/pens/notebooks/bags/etc.)	\$ 3,000 USD	\$ 4,500 USD
Video recording & streaming	\$ 500 USD	\$ 700 USD
Total	\$ 8,100 USD	\$ 11,100 USD

Venue Volunteers Speakers	Estimated low	Expected	Estimated high
Keynote Speakers	\$ 2,000 USD	\$ 2,500 USD	\$ 3,000 USD
Water Snacks for speakers and volunteers	\$ 300 USD	\$ 350 USD	\$ 450 USD
Speaker & Volunteers Gifts	\$ 400 USD	\$ 500 USD	\$ 600 USD
Volunteers T-Shirts	\$ 250 USD	\$ 300 USD	\$ 400 USD
Total	\$ 2,950 USD	\$ 3,650 USD	\$ 4,450 USD

Catering Services

- 13 coffee breaks x 200 People (restaurant or ground floor of university)
(includes cold/warm beverages, refreshments, water & cookies)
Price: \$ 3.00 USD /Person

- 6 lunches x 200 People (University Restaurant)
(includes warm/cold entrees, salads, main platters (fish/meat, vegetarian, fruit/
desserts, refreshments/beers)
Price: \$ 12.00 USD /Person

- 1 Gala Reception X 200 People (WAR Museum/University Gardens)
(includes warm/cold entrees, salads, main platters (fish/meat, vegetarian, fruit/
desserts, refreshments/wine/coffee)
Price \$ 16.00 USD /Person

Total: 600 + 2,400 + 3, 200 = \$ 6,200 USD

(NOTE: Each participant can pay for themselves.)

Travel Accomodation	Estimated low	Expected	Estimated high
Travel Committee	\$ 30,000 USD	\$ 30,000 USD	\$ 35,000 USD

Social Events	Estimated low	Expected	Estimated high
Social Event 1	\$ 100 USD	100 USD	\$ 100 USD
Callejoneada	\$ 1,000 USD	\$ 1,200 USD	\$ 1,500 USD
Music Night "La Mina"	\$ 500 USD	\$ 600 USD	\$ 800 USD
Trip "La Quemada"	\$ 500 USD	\$ 700 USD	\$ 900 USD
Total	\$ 2,100 USD	\$ 2,600 USD	\$ 3,200 USD

Other	Estimated low	Expected	Estimated high
Lanyards	\$ 350 USD	\$ 400 USD	\$ 500 USD
T-Shirts	\$ 1,100 USD	\$ 1,400 USD	\$ 1,700 USD
Stickers	\$ 150 USD	\$ 180 USD	\$ 200 USD
Others	\$ 500 USD	\$ 500 USD	\$ 500 USD
Total	\$ 3,100 USD	\$ 2,480 USD	\$ 2,900 USD

Better Total: \$ 47,050 USD

Expected Case: \$ 47,450 USD

Worst Case: \$ 58,300 USD

Editors and writers of this Proposal:

- Manuel Haro
- Carlos Galván
- José María Celaya
- Jorge Galván
- Eduardo De Ávila
- Vicente Astrain
- Lorena Espinoza