

MANNI GROUP

西 **XI'AN TRAINSTATION**
安 **25.000€**

23/09 - 19/12



> INTRODUCTION

Architecture is the branch of knowledge that shapes and structures places for human activities. It gives an answer to several and various issues, where solutions embody designer's creativity and intellect. Architectural quest doesn't simply resolve itself nor in a stylish, nor a functional, nor an economic, nor a technological answer. A genuine architectural answer comes through making

a patchwork of all those issues, where designer manages to blend and structure them together with sensibility and control. YAC aims to promote contemporary projects that embody a temporal and personal approach to architectural space. Idea is the keyword, Architecture is the answer and project is the medium through which intuition transforms into concrete reality.



Manni Group provides innovative and patented systems, products and skills for the dry construction industry. It promotes new scenarios in order to remove energy waste and polluting emissions in the existing estate stock.

Thanks to its 74-years experience, its commitment, its long-term vision and remarkable dedication, the group has dealt with several market changes. It was able to wisely adapt to new international business scenarios and embrace the Circular Economy philosophy. This entailed the processing of materials such as 100% recyclable steel to make products that contribute to meet the standards to obtain LEED and BREEAM certifications, the national CAM, the EPD publication and to be the first ones in Italy to obtain ILFI's DECLARE label (International Living Future Institute).

Today, more than ever, looking towards the future means committing for a more sustainable world. This world has to be able to preserve the existing resources and opportunities for the next generations. Without any doubt, this long-term vision has to enhance the talent and ideas of all the professionals that will be its protagonists.

For these reasons, Manni Group is delighted to present the first edition of the Manni Design Award. By choosing fascinating themes, this architectural research activity aims at identifying a series of sustainable solutions able to define the future of our cities.

This is a refined and prestigious event aiming to become one of the most distinguished international debate opportunities to pave the way for change. It will do so by enhancing architects' talent.



Seek Together™

How do you transform challenges into opportunities, redefine what's possible and help create a more efficient, more sustainable world at the same time? It takes collaboration and a belief that the next breakthrough is only a moment of inspiration away.

As a materials science company, Dow is dedicated to giving our customers the solutions they need to both achieve their goals and create a better tomorrow. We have a deeply felt belief in partnership, which focuses everything we do. By closely collaborating with our customers and each other, we will transform industries and society for the better.

Dow's portfolio of performance materials, industrial intermediates and plastics businesses delivers a broad range of differentiated products and solutions for our customers in high-growth segments, such as packaging, infrastructure and consumer care.

How can we make buildings more energy efficient and sustainable?

Envelope insulation can play a crucial role in designing more sustainable buildings that meet environmental and near-zero energy standards, while also bringing comfort and safety to people that work, live and learn inside them.

The new V PLUS Perform™ technology by Dow contributes towards creating future-ready buildings where sustainability and people are at the heart of design, and where energy efficiency and innovation make for a healthy and comfortable indoor environment.

Developed in collaboration with partners across the value chain, V PLUS Perform™ powers the next-generation of insulated metal panels with sustainability at its core.



Rely on it.

1,000,000 rolls produced each year, 350 employees, 1 operational site in Spain and 10 sales units in Europe, America and India: These are the numbers that make RENOLIT WATERPROOFING the benchmark for waterproofing roofs and coverings, swimming pools and civil engineering, by manufacturing durable, versatile and high quality certified synthetic membranes. The company is part of the RENOLIT Group, a German multinational that is a leading manufacturer of plastic materials with an annual turnover of over EUR 1 billion.

RENOLIT WATERPROOFING with the historical brand ALKORPLAN is today a business unit that accounts for EUR 130 million, 45% of which is represented by the roofing division. All this is completed by constant expansion of sales at international level, which is currently focused in Europe. These numerous sustained efforts are reflected in constant investment in research and development that led to the new Solar Shield Technology that is universally suitable in every climate.

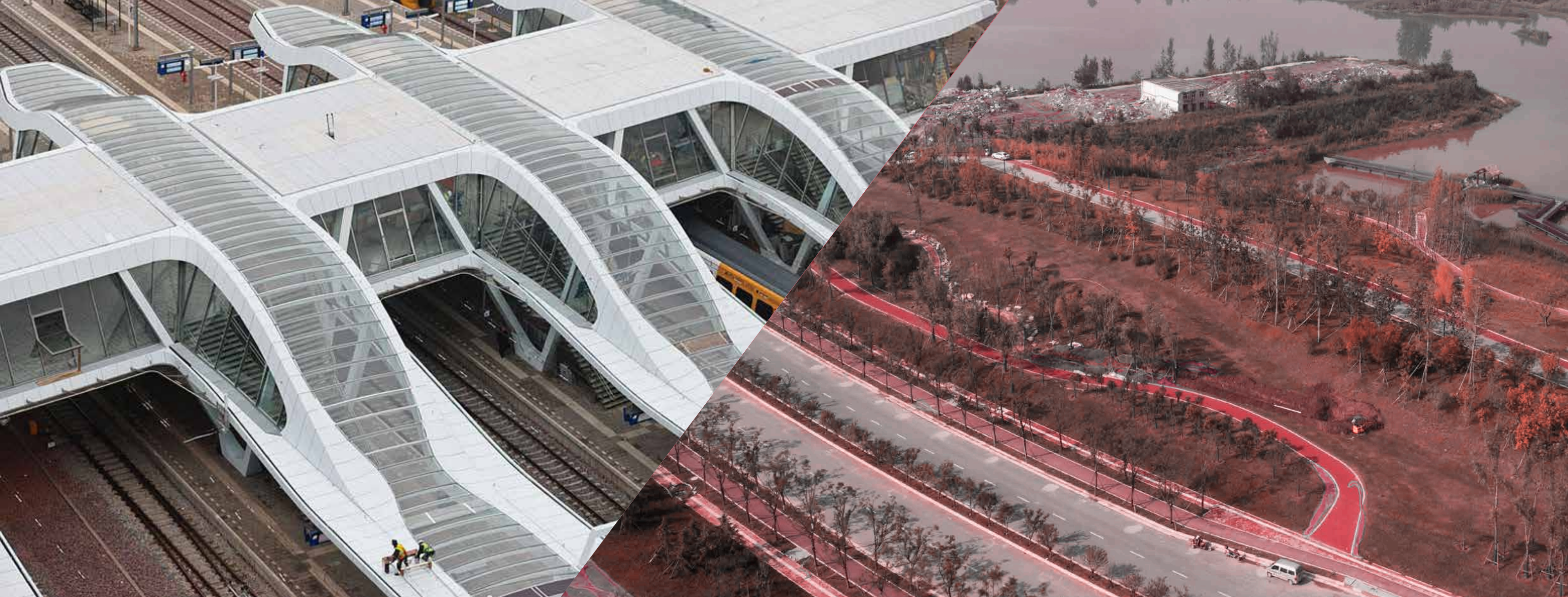
RENOLIT ROOFING is characterised by a wide range of waterproof thermoplastic membranes for roofs and coverings, which can maximise the energy efficiency of the building. The white version "cool roof" has the highest SRI on the market, 115: reliability, impeccable aesthetics, energy savings, sustainability, ease of installation and even higher durability are therefore, in short, the strengths of these synthetic waterproof membranes.



In a world of increased competition and increasing regulations, you need to create products and solutions that set you apart. At ROCKWOOL Core Solutions, we believe in the Power of &. With the 7 Strengths of Stone, our solutions have '&' naturally built-in: from improved fire resilience, thermal properties and acoustic capabilities to uncompromised durability, design flexibility and sustainability.

With ROCKWOOL stone wool built-in, your products and systems benefit from all seven strengths, every time. This additive philosophy extends to the way we partner with you. We take immense pride in fully understanding the systems and processes of our business partners, so we can discover new applications in which our solutions can make a difference. Working closely together, we strive to find new and creative ways to build the 7 Strengths of Stone into your products and systems, to create a quieter, safer, healthier environment for all.

We are committed to enriching the lives of anyone who comes into contact with our solutions, while safeguarding the future of our planet. ROCKWOOL Core Solutions are ready to offer you the Power of & and demonstrate how the 7 Strengths of Stone can be built into your products and solutions to help shape a more innovative future and enrich modern living. ROCKWOOL Core Solutions. The Power of &.



> BRIEF

China.

It is not just a geographical horizon. It is an oneiric horizon too. China is a country of legends and ancient mysteries and spirits. While Rome was tracing the first signs of Western civilization, in the East the third dynasty of a thousand-year old empire was declining.

For centuries, the city of Xi'An has been the heart of the East and the residence of thirteen emperors' dynasties. It has been a firm and stark heart pulsating with ruins and restorations, splendors and following declines. For 3,500 years, this heart has been expanding and contracting according to the rhythm of the events of the Middle Kingdom.

Xi'An is majestic and evasive. To this date, it is a wealth of treasures and sublime contradictions. Here, ancient and contemporary elements seem to compete for the soul of the city. In Xi'An stone dragons provide counterpoint to neon signs and paper lanterns guard the thresholds of glass skyscrapers.

Xi'An is tireless and adaptable to the needs of the times. By 2030, this city will experience an expansion of more than 17km². This is the outcome of a measure that has been implemented by the central government of Beijing. It aims at maintaining the city as the hub of the relationships between China and the Western world.

In this context, Manni Group and YAC srl are pleased to present Xi'An Train Station.

A new rail terminal will define the meeting point between East and West. It will be located at the end of the Silk Road. For centuries, generations of geographers

and merchants had considered this place the most remote destination. This new rail terminal will be at the crossroads of the old and the new, the Yin and the Yang of the opposite poles that generate the future of human society on a daily basis.

Here, millions of roads will intersect. Millions of journeys will start and end. Millions of lives, expectations and hopes will meet in the frantic and unaware atmosphere of travel-related places. This is because a station is more than a simple railroad platform, travelling is more than an experience. After all, the journey is the most real and genuine metaphor for the human condition.

YAC thanks all the architects who will take part in this challenge.



34°08'36.5"N
108°45'05.4"E

> SITE

Xi'an is contaminated by contemporaneity, yet it preserves an ancient fascination thanks to its tall pagodas and mighty bastions, the banks of the Feng River and the smooth peaks of Mount Hua. At nightfall, lights and iridescent flashes illuminate congested roads. A river of people flows into the streets of the historical city crowding among screaming vendors and shopkeepers. Vapors and strong smells rise up from the small shops towards a pitch-black sky. Any kind of food is made and displayed in front of thousands of distracted passers-by: pecking ducks, sheep paws and confectionery with an exotic taste and a flamboyant look. Xi'an has all the elements to be defined a contemporary city, yet these scenarios evoke a thousand-year old memory. The same screams, the same smells used to rise up towards the same sky when people used to gather around the fire to tell stories

about Pan Gu and the 4 mythical beasts before the ascend of the Three Sovereigns and Five Emperors. However, Xi'an is not just about folklore and legends. Today more than ever, Xi'an is about contemporaneity and innovative visions. In a city that hosts more than 8 million inhabitants, huge outlines of cement towers stand out against the sky among wooden porticos and courtyards of ancient buildings. In order to ensure a contextualized design aiming at proposing feasible solutions, hereby follows a list of main constraints and features to take into account for the design.

1. **International town;** China is an economic miracle that is difficult to fully understand. Starting from the end of the Second World War, contemporary China has been constantly developing and growing. This country alone accounts for one sixth of the global population. According to numerous statesmen, currently it is a significant international superpower. It is progressively establishing itself also thanks to an increasingly open relationship

with the rest of the world. This is way to interpret the project of the International Town. It is an initiative promoted by the central government aiming at turning Xi'an into an international center where to debate, exchange and meet. Xi'an already boasts more than 5,000 leader companies situated in the Hi-Tech district and some of the most prestigious Chinese Universities. In addition to that, the city will increasingly enhance its international excellence in education and trade. It will become the epicenter of production investments and the international economic elite's meeting point. Here, business opportunities will have to go hand in hand with an extremely refined lifestyle in order to meet the most sophisticated needs of major foreign investors. Stadiums, cinemas, hotels, shops and residences will be the counterpoint to offices and corporate buildings, which will stand for the economic heart of modern China. Therefore, the new railway station will have to dialogue with such ecosystem. It will have to properly reflect its qualities and meet the expectations of a demanding and international



public.

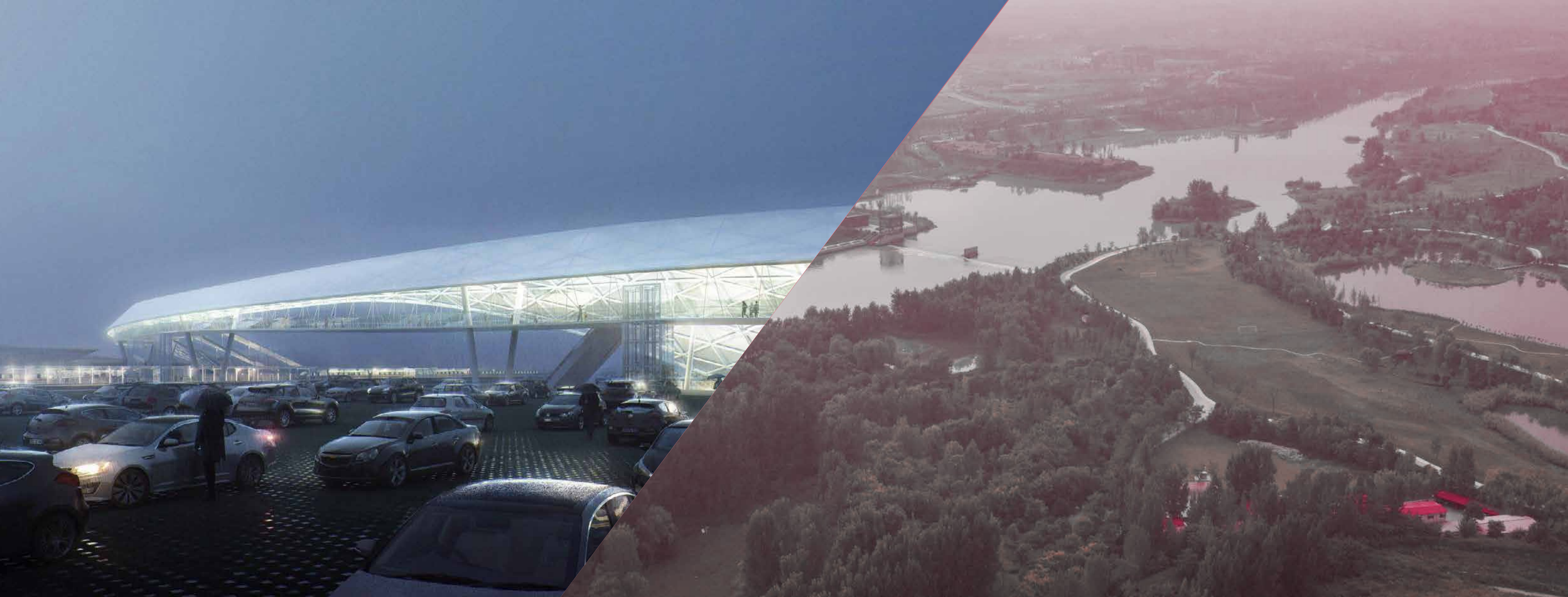
2. **Historical city;** originally, Xi'an used to be named Chang'an meaning "perpetual peace". Its history is so ancient that blends with legend. Actually, it includes events, which time frame is too long to be properly analyzed. Xi'an dates back to around 1,000 BC. It is connect to the events of the Western Zhou Dynasty. In the west part of China, such dynasty created an extremely refined feudal empire. Zhou populations boasted a remarkable criminal law based on financial penalties rather than physical or corporal punishments. Moreover, they achieved an outstanding expertise in bronze-making and hydraulic engineering. Here, about 800 years later, Qin Shi Huang built his own gigantic mausoleum giving to mankind one of the most renowned symbols of ancient China: the terracotta army. He was the first unifier of China that proclaimed himself Divine Emperor. Nevertheless, the zenith of Xi'an's success occurred during

the Han dynasty. Between 200 BC and 200 AD, this dynasty boosted the growth of the city. In 600 AD, with the Tang Dynasty, the city became the largest metropolis of the Ancient world. Therefore, even if the intervention will be carried out in a modern and new context, architects will have to consider and respect the thousand-year old history of this city. Nowadays, such history is reflected by numerous temples with sacred Buddhist relics and 4,000 archaeological sites, many of which are world heritage sites.

3. **Mount Hua;** Mount Hua is situated a few kilometers from the suburbs of Xi'an overlooking the Yellow River and its vast plains. This is one of the most iconic places of traditional China. Its ranges covered in fog and its smooth peaks cloaked in conifers evoke the ancient paintings of the feudal period. Wooden temples with scarlet columns cling to steep slopes. Tortuous steps carved in stone help creating a surreal yet fascinat-

ing scenario. Among the five sacred Taoist mountains, Mount Hua welcomes thousands of pilgrims and visitors every year. All these people chose its winding paths in order to overcome their limits entrusting the spirits of the mountain with their hopes. Such benevolent spirits reward all those who venture into these places by granting them a long life and great success. Embrace the beliefs of Mount Hua or not, including the most distracted visitor cannot help but be overwhelmed by a spiritual perception due to the tangible fascination of one of the places where it is still possible to experience the deepest mystery of traditional China.

4. **The terracotta army;** in 221 BC in Mexico people were building the Teotihuacan's pyramids and in Alexandria the ancient lighthouse was still standing out against the sky. In the same year, thanks to Qin Shi Huang the "Warring states period" came to an end and Xi'an's area



was chosen as the capital city of the newborn Chinese empire. Back then, the Divine Emperor started to build the most glorious grave goods in history nearby the city. Throughout the “Spring and Autumn period” the great sovereigns of China used to die with their courts in an extended voluntary or forced human sacrifice where hundreds of notables used to join their king in his last journey. With its scourges and continuous conflicts, the “Warring States period” had made life highly valuable so much so that no dynasty could afford to bury its members together with their entourage. That is why a new trend started to become established. People began to create terracotta miniatures to represent the court that had served the feudal lord during his life. Therefore, it seemed natural for the greatest king of China to want the most majestic grave goods in history. He commissioned an army composed by 8,000 terracotta colossuses. They were not miniatures. They had to be infantrymen, archers and knights. Each one had to be about 2 meters tall and different from the others. Each statue

had to be painted and conveniently equipped. Together with the Great Wall of China, this huge terracotta army is one of the symbols of China in the world. It is a privileged and breathtaking destination for all the people visiting this area of the country. In order to design remarkable architectures able to dialogue with an ancient land of traditions and outstanding memories, architects will have to delve into the splendor of Xi’An’s history and tradition.

5. **Feasibility and construction technologies;** consistently with the size of the intervention and the modern vision that the new railway station will have to convey, when designing the district, it is essential to adopt feasible and consistent technological solutions. In this sense, due to the extent and ambition of the project, architects will have to privilege the use of steel structures and dry construction technologies to design the new architectures. This will enable a more reasonable use of resources and the protection of the quality of the build-

ings. This attitude is compatible with any composition or expressive idea (architects can choose any kind of architectural or formal solution). Through such attitude, the new intervention will rely on a better control of the construction process and of the performance result in terms of safety, durability and eco-efficiency. In this respect, please make a careful reading of the “requested material” section.

6. **Sustainability;** consistently with the ambitions of the district, each intervention will have to take inspiration from the most common principles of energy sustainability and environmental compatibility. Virtuous technical solutions, eco-compatible design strategies and a refined integration of architectural and natural elements will be essential elements to provide projects an intrinsic added value. In this regard it must be pointed out that according to point 5 of this paragraph the use of steel structures and dry construction technologies will be considered a virtuous sustainable approach, since



they favor the use of a perfectly recyclable material.

7. **Construction restrictions;** As long as architects stick to the square footage stated in the “program” chapter of the description of the competition, given the nature of the area and the used technological typologies, there are no limitations regarding:

- a. earthmoving;
- b. creating underground architectures;
- c. planting trees;
- d. height of the buildings;
- e. covering the canal;
- f. designing bridges or raised structures on roads to generate spaces at a higher level compared to the traffic level, as long as the vehicle circulation is guaranteed at a minimum height of 5 meters.

Differently, it is not permitted:

- a. moving the canal (it can only be covered);
- b. redesigning or moving the roads/railways that are drawn in the competition dwg;
- c. changing the level of the railway line. It will have to be maintained below the street level.



> PROGRAM

Airports and railway stations are the new gates to contemporary metropolises. They are the vestibule and the manifesto of the city they are situated in. At the dawn of the 19th century, human civilization was triumphantly welcoming the use of railway tracks. Back then, in the large cities, railway stations used to boast monumental sizes both celebrating and anticipating the wonders of technology and the splendor of the urban civilization. Among all means of transportations, without any doubt the train is one of the protagonists of the history of mankind. Indeed, over the last two centuries, the train has played a crucial role in human history. Suffice is to say coal mines and modern experimentations. The train is also part of the image of artists and writers like William Turner and Agatha Christie. The train accompa-

nied Abraham Lincoln's funeral cortege in his last journey from Washington to Springfield. The train was the place where the First World War ended. Together with the ordinary passenger trains, there are trains that are extraordinary machines with fascinating features. Some of them are several kilometers-long steel monsters that cross Mauritania transporting tons of mining materials. Others are peculiar railway carriages that travel between the clouds at an altitude of 5,000 meters linking China and Nepal. For a long time, railway stations have been considered non-places and mere links. However, they actually pose a remarkable architectural challenge. These large urban gates are not just places of transit. They are rather the beginning or the end of the extraordinary experience of each journey. In its static architectures, the new Xi'An railway terminal will welcome one of the most dynamic functions of contemporary civilization. It will define a new urban landmark composed by numerous service buildings to make it one of the most

innovative gates of contemporary society. Hereby follow several functional possibilities. It is important to underline that the composition, integration and reshuffling of these scenarios shall be under total discretion of architects.

1. **Hall;** it is the core of each railway station. It is the place where passengers are in transit. It also plays the role of urban foyer. It will be a covered space that will constantly experience crowding/abandonment moments. It will be the first visitor's approach to the city of Xi'An. It goes without saying that in the hall there will have to be adequate service spaces for travelers;
2. **platforms;** they will have to be at least XXX meters long and XXX meters wide. They can be connected to the hall through underground or elevated routes. There will have to be XXX platforms for XXX tracks. Of course, all the platforms will have to be equipped with a covering



system in order to enable travelers to comfortably arrive to the railway station. Moreover, this will also ensure an esthetic and perceptual added value since they are the first element visitors will see from the train;

3. **shops;** shops can be located around the hall or nearby the platforms. However, they will also have to be placed in one or more specific buildings outside the railway station. This way, they will be an elegant and pleasant diversion for all the people that have to wait before taking the train;

4. **offices;** in a world where interaction and information exchange move extremely quickly, it is essential for any company and startup company to place their offices nearby the station. They will have to host specific workgroups or serve as temporary places where travelling businessmen can hold their meetings. For this reason, the station will have to include several offices;

5. **hotel;** consistently with the previous points, the new railway station will also have to include an adequate accommodation. It will have to be designed for a demanding business target, which is the one that will assiduously frequent the new Xi'An railway station;

6. **square;** nowadays, large terminals are considered exchange places between means of transportation. A railway station has to ensure effective links with (public or private) road transport and specific cycle and pedestrian routes. A large square in front of the railway station will enhance the architecture but also provide a sorting platform. Through innovative services, it will enable travelers to decide which mean of transportation to use to visit the city.

> CALENDAR

gg/mm/early1 “early bird” registration – start

20/10/2019 (h 11.59 pm GMT) “early bird” registration – end

21/10/2019 “standard” registration – start

17/11/2019 (h 11.59 pm GMT) “standard” registration – end

18/11/2019 “late” registration – start

15/12/2019 (h 11.59 pm GMT) “late” registration – end

19/12/2019 (h 12.00 pm – midday - GMT) material submission deadline

07/01/2020 jury summoning

10/02/2020 results announcement

Fulfilling an “early bird”, “standard” or “late” registration does not affect the submission deadline, which is uniquely set on **19/12/2019**.

> PRIZES

1° PRIZE

10.000 €

2° PRIZE

6.000 €

3° PRIZE

3.000 €

MENTION - Dow Chemical; It will be awarded to the projects that specifically focus on the building’s energy performance;

2.000 €

MENTION - Renolit; it will be awarded to the projects that include extremely valuable architectural solutions regarding the design of flat roofs;

2.000 €

MENTION - RockWool; it will be award to the projects that focus on the building’s life cycle.

2.000 €

10 HONORABLE MENTIONS

30 FINALISTS

All the awarded proposals will be transmitted to architectural magazines and websites and will be hosted in international exhibitions. All the finalist proposals will be published on www.youngarchitectscompetitions.com

> SUBSCRIPTION

The whole procedure is computerized:

- open: www.youngarchitectscompetitions.com;
- enter registration area;
- fill required fields;
- at the end of the procedure the first member of the team will be notified with a validation mail containing the team ID number ("teamID" is a randomly and automatically assigned number); if no mail arrives check the "spam" folder;
- a username, a password and a link will be received; open the link to confirm the preregistration;
- once the pre-registration confirmed, enter personal area and fulfill fee payment;
- once pre-registration and fee payment are fulfilled, uploading will be enabled;
- open personal area, insert username & password; upload the materials; the first member of the team will be notified with a validation mail; if no mail arrives check the "spam" folder.

It is highly recommended to be early on deadlines with subscriptions and payments.

> FAQ

During the whole contest, until 19/12/2019- submission deadline - competitors can address any question to yac@yac-ltd.com. YAC staff will individually answer the competitors by e-mail and will weekly publish updates in the FAQ section of the competition website. Answers will be published in English and updated on Facebook and Twitter. Surely, YAC staff will be providing technical support in case of technical and functional problems during the upload procedure.

> MATERIALS

- n. 1 A1 board (841 x 594mm) in .pdf format, maximum size 10 mb, horizontal or vertical layout, to be uploaded on the personal login area. This layout must contain:
 - i. design concept / conceptual idea;
 - ii. graphic framework aimed to illustrate the project (i.e. plans, facades, cross-sections) – choosing what to display and the relative scale is up to the competitor's choice;
 - iii. 3d views - i.e. renderings, pictures, hand sketches;

File name: A1_TeamID_XTS.pdf (i.e. if "TeamID" is 123, file must be named A1_123_XTS.pdf)

- n. 1 A3 album (420mm x 297mm), .pdf format, maximum size 10 mb, horizontal layout, maximum 7 pages long, to be uploaded on the personal login area. No cover. Album must contain:
 - i. general layout on 1:1000 scale;
 - ii. significative layouts on 1:200 scale;
 - iii. at least one significative cross-section on 1:500 scale;
 - iv. at least one 1:20 scale technical detail showing the use of technologies that are consistent with the requests of the description of the competition. To properly use compatible construction systems, architects can find a specific range of construction details (and related technical possibilities) in the "download" section of the competition website.

File name: A3_TeamID_XTS.pdf (i.e. if "TeamID" is 123, file must be named A3_123_XTS.pdf)

- n. 1 cover .jpeg or .png format 1920x1080 pixel size. It should be a relevant image showing the project that will become its avatar icon:

File name: Cover_TeamID_XTS.jpg (i.e. if "TeamID" is 123, file must be named Cover_123_XTS.jpg)

Text should be short and written in English. Layouts cannot contain any name or reference to designers. The materials cannot report the team ID number on them. This code is only meant to appear on the filename, since jury will not be enabled to seeing it during the voting procedure.

> RULES

- a. Competitors must respect calendar dates, procedures and fees.
- b. Competitors must respect all the instructions regarding required material.
- c. Competitors can be students, graduated, freelance architects, designers or artists: it is not mandatory to be involved in architectural disciplines or enrolled in architectural associations.
- d. Competitors can join the competition either individually or with a team.
- e. Teams must have at least one team member aged 18 to 35.
- f. Teams can be composed of any number of team members.
- g. Teams can be composed of members coming from different countries and universities.
- h. Paying one registration fee allows to join the competition with one project.
- i. Paying further registration fees allows to join the competition with additional projects; fees are determined by the competition's calendar.
- j. Prizes include bank commissions and fees.
- k. Prizes are established regardless of the number of members of the team.
- l. A technical staff nominated by Manni Group will assess the eligibility of the projects. Such assessment is not binding for the purpose of the jury's work.
- m. The jury's verdict is incontestable.
- n. It is forbidden for competitors to ask a juror about the competition.
- o. It is forbidden for competitors to publicize their own proposal material before the official announcement of winners has been made.
- p. It is forbidden for competitors to join the competition in case they have or had business collaboration or blood-relations with jurors.
- q. By violating the rules, competitors and their teams will be disqualified from the competition without any chance of getting a refund.
- r. By participating, architects fully accept all the rules, terms and conditions as stated in the description of the competition with no exception.
- s. The authorship of each project is equally attributed to each member of the team.

> INELIGIBILITY

- a. Layouts showing texts bodies not written in English will be banned.
- b. Layouts showing names or referrals to their own team/their identity will be banned; TeamID is considered as a referral to the competitors and can appear on the file name only, since jurors will not be allowed to see it.
- c. Files named not according to the prescriptions of the competition will be banned.
- d. Material which is considered incomplete or non congruent to the criteria of the competition will be banned.
- e. Material which is submitted by times and procedures different from the ones of the competition will be banned.
- f. The team which does not include a competitor younger than 35.
- g. Team members trying to ask a juror about the competition will disqualify their own team.
- h. Any participant with ongoing work or family relationships with one or more members of the jury;
- i. Team members who spread their own proposal material before the winner of the competition is chosen;
- j. Any participant that is not the owner or author of the submitted project or parts of such project;

> NOTES

- a. All the projects that will win a money prize and any (available) intellectual property right and/or industrial right on the projects are definitively acquired by MANNI Group. The latter acquires the exclusive right of economic exploitation of the project and the right to reproduce the project in any way or form, including the right to use, realize, adapt, modify, publish in every media, display, reproduce and distribute the project also for marketing and advertising purposes, review the editorial, create works based on the project or giving the project or parts of it to third parties in any means, way or through any technology also including the freedom of panorama without any limitation in time or place.
- b. For all the awarded projects (including projects that have received a non-monetary prize) architects undertake to provide any further digital material (e.g. three-dimensional models) regarding the project to help YAC and Manni Group better report the results of the competition through publications and specific publishing products;
- c. YAC and Manni Group reserve the rights to use the participating projects for exhibitions and publications, digital or paper catalogues and dossiers- without prejudice to the right of the architect to be mentioned as the author of the project;
- d. Projects must be new and original and the result of the intellectual activity of the candidates who cannot present works that does not comply with these aspects. For this reason, YAC and MANNI Group will not be responsible in case the uploaded projects are not the result of the candidate's or teams' creativity or if the candidate or teams are not the owner of the right of exploitation including the right to take part in a competition like this one.
- e. The available and necessary material for the competition is available in the download section of the competition site www.youngarchitectscompetitions.com regardless of registration in the competition; it is allowed to use additional material collected by each member.
- f. YAC has the right to change dates or other details in order to improve or fix aspects of the competition, a notice will be given within a reasonable time through all YAC's media channels.
- g. YAC is not responsible for web malfunctioning or technical difficulties due to servers; it's highly recommended to submit required material, fees and subscription with a good advance of time on the deadline.
- h. The processing personal data of participants will be carried out with both manual and computer modalities. Manni Group and YAC will carry it out for the sole purpose of the participation in the competition in compliance with the applicable regulation as in the Italian Legislative Decree 196/03 and subsequent amendments. They will both process personal data as independent data controllers. The conferment of data is optional. However, any refusal to provide them will prevent architects from taking part in the competition;
- i. This competition is not an event in accordance with Article 6 of the Italian D.P.R. 430/2001.
- j. Candidates will be held accountable for the personal data they provide and the promoter does not assume any responsibility for wrong data provided. The promoter, accord-

ing to privacy policies, has the right to verify candidates' data by requesting a copy of an identity document regarding the data of the registration.

- k. YAC and MANNI Group are not responsible for false data provision by candidates.
- l. By entering the competition, the candidates accept the competition's terms and conditions.
- m. Italian law regulates this regulation. Controversy arising shall be of exclusive competence of the Court of Bologna.
- n. YAC srl will share with Manni Group all the data provided by competitors to take part in the competition;
- o. **For security reasons, it is forbidden to visit the intervention area.**

> NOTES REGARDING PRIZES

- a. The publication of the results according to the calendar of the competition has to be considered a provisional publication. It shall be bound by the verification of the requisites defined by the competition;
- b. Consistently with what stated in the article 10 in the section "notes", after publishing the results, YAC srl shall reserve the right to verify and collect a copy of the winners' identity documents;
- c. After verifying the identity of the winners, the prizes will be awarded once the winners have signed a self-declaration certifying that they fully accept the terms of the competition regarding the eligibility conditions.

REFERENCES

- pg. 5 - Terminal de transbordo Arnhem Central by UNStudio
- pg. 7 - Nueva estación de Birmingham by AZPML
- pg. 8 - Køge train station by Kengo Kuma and Associates
- pg. 9 - Rotterdam Central Station by West 8 + Benthem Crouwel Architects + MVSA Architects
- pg. 10 - Danjiang Bridge by Zaha Hadid Architects
- pg. 11 - International Cable Car by UNStudio
- pg. 19 - Abaco - smart city by @pikisuperstar

> JURY



Enrico Frizzera

MANNI Group

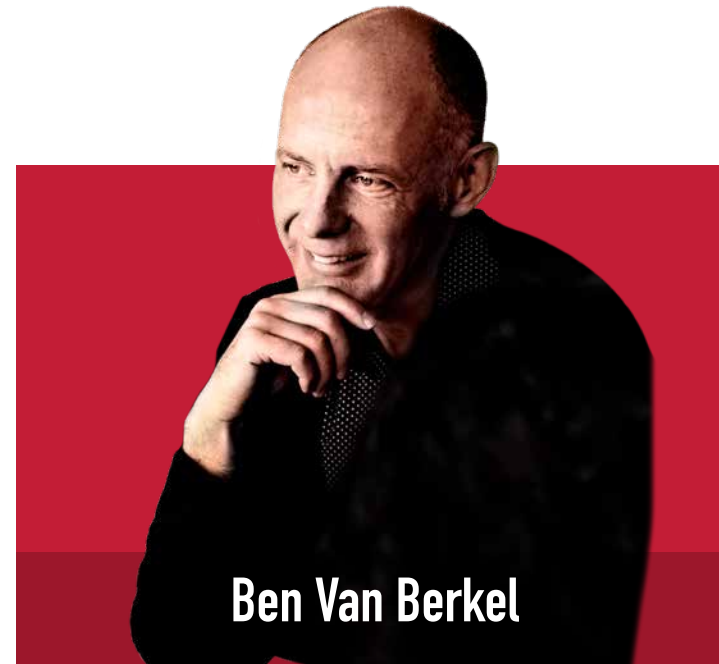
Enrico Frizzera graduated in Economics at the University of Verona. He has acquired technical and organizational skills in the field of financial institutions. Specifically, he deals with insurances and reinsurances by collaborating with the main international consulting companies. After being general manager of the Cattolica Group, he has become Manni Group's CEO. Manni Group is a company mainly dealing with B2B. It is a leading company in the field of steel products, insulating panels, energy efficiency and renewable sources (industrial, commercial and residential segments).



Patrik Schumacher

Zaha Hadid Architects

Patrik Schumacher is principal of Zaha Hadid Architects and is leading the firm since Zaha Hadid's passing in April 2016. He joined Zaha Hadid in 1988, has been a co-author on most projects and was seminal in developing Zaha Hadid Architects to become a 400 strong global architecture and design brand. In 1996 he founded the Design Research Laboratory at the Architectural Association where he continues to teach. He is lecturing worldwide and recently held the John Portman Chair in Architecture at Harvard's GSD. Over the last 20 years he has contributed over 100 articles to architectural journals and anthologies. In 2008 he coined the phrase Parametricism and has since published a series of manifestos promoting Parametricism as the new epochal style for the 21st century. In 2010/2012 he published his two-volume theoretical opus magnum "The Autopoiesis of Architecture". He recently guest-edited the magazine AD - Parametricism 2.0 – setting architecture's agenda for the 21st Century with a new emphasis on the societal relevance of parametricism.



Ben Van Berkel

UNStudio

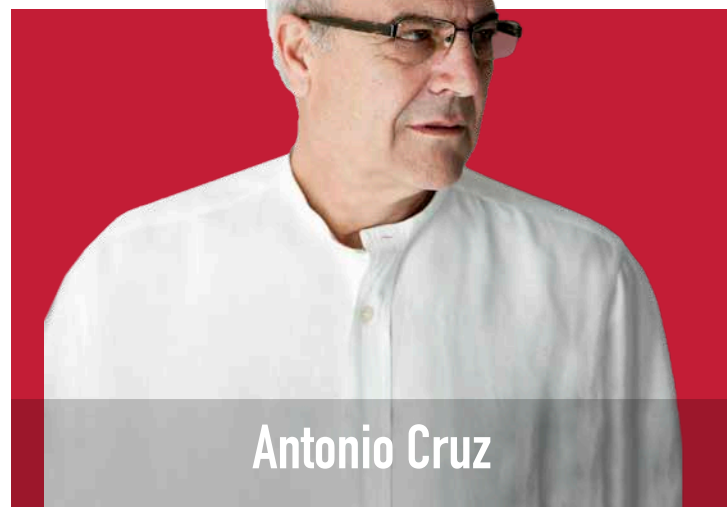
Ben van Berkel studied architecture at the Rietveld Academy in Amsterdam and at the Architectural Association in London, receiving the AA Diploma with Honours in 1987. In 1988 he and Caroline Bos set up an architectural practice in Amsterdam, extending their theoretical and writing projects to the practice of architecture. UNStudio presents itself as a network of specialists in architecture, urban development and infrastructure. Current projects include the design for Doha's Integrated Metro Network in Qatar, 'Four' a large-scale mixed-use project in Frankfurt and the Wasl Tower in Dubai. With UNStudio he realised amongst others the Mercedes-Benz Museum in Stuttgart, Arnhem central Station in the Netherlands, the Raffles City mixed-use development in Hangzhou, the Canaletto Tower in London, a private villa up-state New York and the Singapore University of Technology and Design.



Stefano Boeri

Stefano Boeri Architetti

Stefano Boeri, architect and urban planner, he is full Professor at Politecnico in Milan and visiting professor at various international universities, he is Director of the Future City Lab at Tongji University in Shanghai, a post-doctoral research program which explores the future of contemporary metropolis under the perspectives of biodiversity and urban forestry. Stefano Boeri was director of the reviews Domus (2004-2007) and Abitare (2007-2011) and author of several publications. Councilor for Culture in Milan from 2011 to 2013, he has curated several international biennials and exhibitions of architecture and design. In February 2018 he has been appointed President of Fondazione La Triennale di Milano. Stefano Boeri Architetti's work ranges from the production of urban visions and architectures to the interior design.



Antonio Cruz

Cruz y Ortiz Arquitectos

Antonio Cruz established his professional activity in 1971 with Antonio Ortiz. Some of his better known projects are the Wanda Metropolitano Stadium for the Atletico de Madrid Football Club, the New Rijksmuseum in Amsterdam, the Spanish Pavilion at the Hannover 2000 Expo, the Cartuja Stadium in Seville, Seville's Public Library, the Stadium of the Community of Madrid, the Huelva Bus Station, Santa Justa Railway Station in Seville and, also in Seville, a housing building in Doña María Coronel Street. He has been a visiting professor at the Lausanne and Zurich polytechnics, Cornell and Columbia universities, at the School of Architecture of Pamplona and he held the Kenzo Tange Professorship at Harvard. He recently received many awards, as the Honorary Fellowship of the American Institute of Architects, decoration as Ridder of the Orde van de Nederlandse Leeuw, awarded by King William I of The Netherlands, the Gold Medal of Architecture for their career, awarded by the Consejo Superior de Colegios de Arquitectos de España. His works have been internationally-exhibited and published in many specialized reviews like Tanais, Princeton Architectural Press, Birkhäuser, AV, TC Cuadernos, NAI publishers.



Gong Dong

Vector Architects

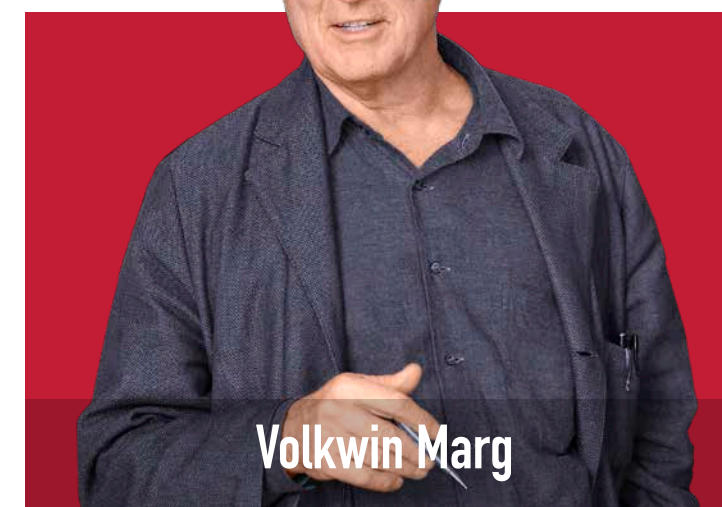
Fondatore dello studio Vector Architects nel 2008, Gong Dong è stato nominato "Distinguished Plym Professor" dall'Università dell'Illinois ed insegna design presso la Tsinghua University dal 2014. I suoi lavori sono stati esposti in mostre internazionali come il "Freespace 2018" della Biennale di Venezia ed hanno vinto numerosi premi come la nomina per "Swiss Architectural Award 2018", l' "Overall Winner" della Archmarathon Awards 2016, la "Design Vanguard" di Architectural Record nel 2014. Tra i progetti più rappresentativi, ricordiamo la Ristrutturazione della Casa del Capitano, la Seashore Library, la Seashore Chapel, il Centro Sociale Chongqing Taoyuanju, il resort Alila Yangshuo, il Centro Culturale Suzhou Intangible. Molti progetti sono stati pubblicati da riviste internazionali quali il "New York Times", "Domus", The Architectural Review". Dong Gong tiene lectures presso università, accademie ed istituti professionali quali la Tsinghua University in Cina, l'Università dell'Illinois negli USA, il Politecnico Federale di Zurigo in Svizzera, la Société Française des Architectes in Francia.



Francesco Fresa

Piuarch

Francesco Fresa founded one of the most important international architecture studio in 1996 with partners German Fuenmayor, Gino Garbellini and Monica Tricario. Piuarch, based in Milan, is one of the most successful collective architectural projects of the last twenty years. International award winning architecture studio based in Milan, Piuarch is a collective that finds its major power and force in its plurality. This cohesion entails different backgrounds and identities which guarantees a multi-layered approach to work. Piuarch's architecture aims at connoting all features of a project, finding a strong connection with the natural and urban environment, the social and cultural context as well as fully understanding the clients' needs, ranging from the design of offices and retail buildings to the development of residential complexes, cultural recovery and urban renewal works. Representing his own studio, Francesco has been a senior lecturer at prestigious Italian and international universities of architecture, as well as Ambassador of Design holding conferences at Italian embassies all over the world.



Volkwin Marg

GMP Architekten

Volkwin Marg was born 1936 in Königsberg. In 1965 he was a founding partner of "gmp · Architects von Gerkan, Marg and Partners" and in 1979–83 he serves as President of the German Association of Architects (BDA). He taught at the Faculty for Architecture at Aachen Technical University and he is a member of the German Academy for Urban and Regional Planning and of the Freie Akademie der Künste in Hamburg and Berlin. He was awarded with numerous honorary titles and prizes, amongst others are the Fritz Schumacher Prize, the BDA Grand Award, and the Federal Cross of Merit. Volkwin Marg often lectures on international stages and is author of several books, essays with contributions to cultural policy and architecture.

> JURY



Bernard Plancade

Rockwool

Bernard Plancade has been representing the Danish Group ROCKWOOL in South Europe for many years, with the opportunity to have several experiences there, and among others as CEO for the French, Italian, Spanish, Croatian businesses and operations. After a move to a Corporate position as Senior Vice President for Operation and Technology in Denmark, he took over, in 2018, the activities towards Original Equipment Manufacturers. Rockwool Core Solutions dedicated team engage in partnerships with manufacturers to develop safe and sustainable products /systems answering environmental challenges, mainly related to energy efficiency and fire safety.



Alberto Mercati

DOW

Alberto Mercati is EMEA Marketing Associate Director, Polyurethanes – Construction Insulation and is located in Correggio-Italy.

Alberto started his Dow career in 1987, in Correggio, Italy and held several Technical Service & Development and Techno-Commercial positions for Domestic Appliance and for Rigid Polyurethane Insulation until 1999.

Alberto has been Polyurethane Systems House Director in various Countries: Erstein- France 2000-2001, Wilmington- Illinois USA 2002-2005 and Correggio-Italy 2008-2009.

Since 2010 he has been in Marketing Roles for Polyurethanes Systems- Energy Efficiency (Construction-Cold Chain-Water Heaters Insulation). Since January 2014 has added responsibilities for Polyurethanes Formulations and Raw Materials. Since January 2016 has focused on Construction Industry.

Alberto has a Master's degree in Organic Chemistry from University of Modena (Italy, 1985), is a certified Green Belt Project Leader and attended Thunderbird Executive Education in 2005 and UC Berkeley Executive Education in 2018.



Giovanni De Niederhausern

Pininfarina

Giovanni graduated in engineering and architecture in 2008, having collaborated with a number of Italian architectural practices since 2006, including Iosa Ghini Associati in Bologna. In 2009, he joined the MIT Senseable City Laboratory as Research Affiliate. Since 2009, he has been collaborating with Carlo Ratti Associati, an innovation in design firm as a designer and project manager first, becoming the company CEO in 2017, in charge of opening a branch in the United States. In 2014, he earned an MBA degree from LU-ISS Business School in Rome. He has also been lecturer in Italian universities, as Politecnico di Torino, IED and LU.NA. Since 2019, Giovanni has acquired the role of Head of Architecture within Pininfarina, the Italian car design firm that is currently expanding its range of activities over design in a broader sense.



Luca Gottardi

Renolit

Luca Gottardi is the Marketing Manager for the Waterproofing Roofing division of Renolit and the New business development Manager as well. Italian, 55 years old, he has been working for Renolit since 2008 in several Business Units: Roofing, Swimming pools, Advanced Sheets, Exterior. He spent all of his working career in the building sector, especially in the roofing industry. He is focused on the new global trends in the building sector, boosting the development of innovative solutions for the world of tomorrow, especially more efficient products with added values. The keywords of the coming years? Sustainability, efficiency, better performance with less resources.

> JURY



Cai Xichun

Chic Investment

Marcello Cai is an urban planning, architecture and design expert. He graduated at the Shanghai Tongji University. Then, he obtained a master at the Polytechnic University of Milan. He has dealt with several urban redevelopment projects and real estate planning projects. He has his own personal conception of architecture and design. Likewise, he can boast a peculiar sense of aesthetics. Currently, he is Chic Group's General Manager. He is managing the Xi'an International Fashion Town project. Specifically, Chic Group deals with the preliminary project, the commercial planning, the industrial planning studies of the whole Fashion Town etc. In the future, Chic Group will supervise the management and functioning of the whole Fashion Town thanks to its multiannual experience in dealing with international companies, design and commercial development.



Sun Jin

Xi'an Construction

Sun Jin graduated in Civil Engineering at the Xi'an University of Architecture and Technology. He has worked for the China Light Industry Xi'an Design Institute and Xi'an Tande Real Estate Development Co., Ltd dealing with architectural design. In 2018, he was nominated high-level Engineer. Currently, he is a manager at Xi'an International Community Fashion Town Construction and Development Co., Ltd. Moreover, he deals with the architectural planning and design of the whole Fashion Town area.

PROMOTER



MAIN SPONSOR



SPONSOR



TECHNICAL PARTNERS

Zaha Hadid Architects

