

2020.02.17 Barcelona/Bilbao Tour Presentation

(30 min.)

Some slides of the architecture we will see on the tour. Present slides chronologically which is different from the trip itinerary, this is a **brief preview of the class teaching this summer** (Gaudi's 5 key dates), which was structured to be a **prelude for the trip**. **Beautiful itinerary of Gaudi:** playful Batlló/Mila, Vicens; mag.opus Sagrada; essence Dragon/Crypt; serene Park; finale Bilbao. Many **other treats:** Barcelona Rambla, ancient bullfighting ring, Barcelona Pavilion, 92 Olympic village/park, Miró museum.



Catalan brickwork



Trencadis



discarded



parabolic



signatures



metalwork

1885 Pavellons Güell Dragon Gate (Tue.) **first use of Trencadis Mosaic**, where we see Gaudi's **resourcefulness, frugality, creativity**. A study of Gaudi's work explores this **human trait that will be needed for our survival on a rapidly changing planet**. By use of **discarded, broken, fragmented materials as decoration**, Gaudi finds **redemption, a humility willing to consider all**.



corner



cast/wrought



plasticity



ventilators



Mudéjar



contraptions

Casa Vicens (Mon. - interior) 1883-1888



organic form



discarded



personalized

Park Güell bench (Wed. - interior) 1903-1914



mosaic



ventilators

Jean Nouvel: Agbar Tower (Tue.) 1999-2004



parabolic

Norman Foster: Bilbao Underground Station (Fri.) 1995



parabolic



natural



honest

1892 Sagrada Família Nativity Façade (Mon. - interior) **experiments Natural Form** [**honest truth, taboos, answers in nature**]

(+7 min.)



honest



organic



natural

Mies: Barcelona Pavilion (Wed. - interior) 1928-1929



mosaic



honest

IMB: Vizcaya Foral Library (Sat.) 2007



inclined reuse contraption **weight**

(+9 min.)

1898 Colònia Güell Crypt model (Tue. - interior) **equilibrated structures**



gravity thrusts **passive tree** **work with, not against**

Park Güell colonade viaduct (Wed. - interior) 1900-1903 **use opposition force against them**



parabolic **catenary**

Sagrada Familia bell towers (Mon. - interior) 1901-1904-1914



asymmetric **inclined** **graphic-static** **lateral uplift** **inclined** **mosaic**
Calatrava: Pasarela Zubizuri (Fri.) 1997 **Bilbao Airport** (2Sun. - interior) 2000 **Massip: Diagonal ZeroZero** (Tue.) 2011



warped form **metaphor** **folklore**

(+15 min.)

1904 Casa Batlló dining chair (Sun.) **experiments warped form, weighted by metaphor** [lesson over traditional blind decorum, fairytale/folklore to learn/remember]



warped iron **mosaic iron** **plastic** **discarded** **parabolic**

Casa Mila rooftop terrace (Sun. - interior) 1906-1910



pediment

Puig: Casa Amatller (Sun.) 1900



trophy

Domenech: Casa Lleo-Morera (Sun.) 1902



fluidity

Valeri: Casa Comalat (Mon.) 1906-1911



inclined **warped** **mountain**

Zaha: Pabellón Puente in Zaragoza (Thur.) 2008



convex inversion



accentuated thrust

(+21 min.)

1908 Colònia Güell Crypt inverted vaults (Tue. - interior) **Bóvedas Tabicadas** [inverted: **innovation**, explore, dream, progress]



Trencadis



synthesis

Park Güell gatehouses (Wed. - interior) 1900-1903



concave/convex



plastic walls

Sagrada Familia schools (Mon. - interior) 1909



concave/convex

Calatrava: Bodegas Ysios in Álava (Thur.) 2001



mosaics

EMBT: Mercat de Santa Caterina (Mon.) 2005



fragmented



warped

EMBT: Pergola Icaria (Wed.) 1992



1st parametric CAD

Gehry: El Peix/Fish (Wed.) 1992



machine warped



mosaics

Guggenheim Museum (Fri. - interior) 1997



natural form



mosaics



mosaics



inclined

Coll-Barreu: Basque Health Dept. Hdqtr. (Sat.) 2004

(+30 min.)

2020.09.20 (Sunday) Arrive in Barcelona (BCN):

- Paseo de Gracia
- Casa Fuster and the Diagonal (Domènech i Montaner)
- Rambla de Catalunya and Can Serra (Puig i Cadafalch)
- La Pedrera- Casa Milà (Gaudí), interior visit**
- "Illa de la Discòrdia": Batlló house (Gaudí)**
- Amatller house (Puig i Cadafalch)
- Lleó-Morera house (Domènech i Montaner)
- Tàpies Foundation (former Editorial Montaner i Simon, by Domènech i Montaner) Catalan art

2020.09.21 (Monday):

- Diagonal
- Palau del Baró de Quadras (Puig i Cadafalch) 1906 Gothic & Arabesque
- House of the Punxes, "Casa Terrades" (Puig i Cadafalch) 1905
- Comalat House (Valeri i Pupurull) 1911 influenced by Casa Batlló
- Casa Vicens house. Casa Vicens (1888, Gaudí. His first house) interior visit
- Gothic and Santa Caterina
- Plaza de la Catedral
- Els 4 Gats (Puig i Cadafalch)
- La Rambla and new Massana school (Carne Pinós) Lubetz shifting blocks
- Plaza Sant Jaume, Plaza del Rei – Medieval/Roman building
- Palau de la Música Catalana (Domènech i Montaner) Art Nouveau
- Santa Caterina Market (EMBT Miralles- Tagliabue) influenced by Sagrada Schools**
- Hospital Sant Pau. (Domènech i Montaner) interior visit - Moorish-style pavilions
- Sagrada Família (Gaudí) interior visit**

2020.09.22 (Tuesday):

Santa Coloma de Cerveló

Colonia Güell Crypt Church (Gaudi) interior visit
Pavellons Güell/Dragon Gate (Gaudi)

Diagonal

22 @ and the Forum – Tech district

Agbar Tower (Jean Nouvel) 2005 influenced by Sagrada bell towers

Disenny Hub (MBM) influenced by Zaha ski jump

Encants Marquet (B720)

Cal'Aranyo - Pompeu Fabra, Media Pro (OAB-Ferrater) influenced by Mies Seagram building

Electric Subcentral (Rahola)

Can Tiana CMT Headquarters (Batlle i Roig) influenced by Corbusier Marseilles bris soliel

Can Framis (BAAS- Jordi Badia) influenced by Corbusier/Rudolph brutalist

Social housing (SAAS- Moragas)

Media-TIC (Cloud 9-Enric Ruiz Geli) Superilla – influenced by Pei Louve

Me hotel by Dominique Perrault + AIA – super thin highrise

Parc of Poble nou by Jean Nouvel – 2008 influenced by Park Güell

Diagonal Mar Park (EMBT Miralles-Tagliabue) influenced by Gehry Bicentennial Park

Fórum

00 Tower (Massip) influenced by Sagrada bell towers/Beijing Birds Nest stadium

Forum building (Herzog & de Meuron) influenced by REM/Libeskind cantilever

Convention Centre - CCIBC (Josep Lluís Mateo) influenced by Eisenman/Lynn folded

Parc (FOA) influenced by Eisenman park

2020.09.23 (Wednesday):

las Arenas - old bullfighting ring (Alonso y Balaguer)

Maria cristina avenue , magic font, MNAC, Caixaforum (Puig i cadafalch – isozaki)

Barcelona pavilion (Mies Van Der Rohe) interior visit

Telecomunications tower (Calatrava) influenced by Sagrada pinnacles

Palau Sant Jordi (Isozaki)

Stadium Lluís Companys – 1992 Olympics

Fundació Miró museum – Sert interior visit – influenced by Corbusier/Kahn Kimbell

barcelona's port

Gas natural (EMBT) influenced by REM big architecture

Biomedical research (Brullet & Pineda)

pineda, Fish (Gehry)

Arts hotel and Mapfre (SOM) exo-skeleton space frame

Olympic village (MBM)

Pergola icària (EMBT) influenced by Sagrada forest/schools

Park Güell (Gaudi) interior visit

2020.09.24 (Thursday) Bus to Bilbao (7-8hrs):

Stops in Zaragoza

Pabellón Puente (Zaha Hadid) influenced by Gaudi warped form

Puente del Tercer Milenio (Calatrava) influenced by Colonia Crypt

La rioja

R. Lopez de Heredia Viña Tondonia winery (Zaha Hadid) influenced by folded architecture

Bodegas Ysios (Calatrava) influenced by Sagrada Schools

2020.09.25 (Friday):

Casco Viejo, Bilbao old town

Unamuno, Santiago and Nueva (s. XIII-s.XIX) Squares

Arenal Pont, Arriaga Theatre (J.Rucoba)

Kiosko Arenal and Train Station to Santander (FEVE -“La Concordia”) influenced by Crystal Palace

Bilbao Underground Station Stations (Norman Foster) influenced by Pittsburgh subway stop

San Nicolas Church and Jardines de Albia (gardens)

Abandoibarra, new Bilbao

Guggenheim Museum (Frank Gehry) interior visit

“Mum Spider” sculpture (Louise Bourgeois)

“Puppy” sculpture (Jeff Koons)

Townhall (Joaquin Rucoba – 2010 Extension IMB)

“Variante ovoide de desocupación de la esfera” sculpture (Oteiza)

Campo Volantin and “Pasarela Zubizuri ” (Santiago Calatrava) influenced by Park Güell/Stereostatic model

Isozaki residencial Towers – super thin skyscrapers/props

Hotel Sheraton (Legorreta) Lubetz apartments

“Pasarela Pedro Arrupem “ bridge

Iberdrola Tower (Pelli)

Deusto University (Rafael Moneo) influenced by Gropius Bauhaus glass block

“Paraninfo” of the UPV University (portuguese architect Alvaro Siza) influenced by Colonia Crypt convex vaults

Euskalduna - Congress Centre - Music Hall (Soriano and Palacios) influenced by Sagrada forest

2020.09.26 (Saturday):

Ensanche

local government’s library (Vizcaya Foral Library by IMB) influenced by Mies Seagram

Cultural Centre “La Alhondiga” (Philippe Starck/Azkuna Zentroa) influenced by Güell Palace basement stables

Historical Archive of the Basque Country (ACXT) influenced by Mies Seagram

Sanitary headquarters (Coll- Barreu) influenced by Colonia Crypt vaults/Stereostatic/parametric facets

Miribilla district

Bilbao Arena (ACXT) influenced by Park Güell doric colonnade

new policeman Station (Coll- Barreu)

Church of Miribilla (IMB Arquitectos) influenced by Corbusier Ronchamp

San Mames

Desert Plaza In Barakaldo (NO.MAD) influenced by Eisenman Wexner Ctr./Jewish Memorial

Bizkaia Bridge, World Heritage UNESCO Site

2020.09.27 (Sunday) Return from Bilbao (BIO):

Bilbao airport (Calatrava) influenced by Sagrada forest/Stereostatic model