

Architecture

Monday, July 23, 2018 6:01 PM

Tadao Ando Japanese

- Church of the Light
 - Cave of light
- Row House
 - Windowless so person feels as if they are "not in Japan"



William Le Baron Jenney

- Home Insurance Building
 - First skyscraper
 - Chicago



Francesco Borromini Italian 1599-1667

- San Carlo alle Quattro Fontane
 - Rome

Roman Baroque architecture



Santiago Calatrava Spanish 1951

Turing Torso Tower

- Malmö, Sweden
 - Milwaukee Art Museum
 - The City of Arts and Sciences
 - Valencia, Spain
 - Costs 5 times original expected cost
 - Magellan Bridge
 - Trinity River
 - Dallas, Texas
 - China Spine
 - Never completed
 - Controversial
 - Lots of delays, costs, and functional problems



Le Corbusier Swiss-French 1887-1965

Villa Savoye

- Poissy, France
 - Built on stilts
 - Square floor plan
 - Villa Savoye (Swiss Architect City)
 - Unrealized project
 - Champ Notre-Dame du Haut
 - Rockefeller Center
 - Designed plan for city of Chandigarh
 - Includes Open Hand Monument
 - Five Points of a Modern Architecture
 - Plaza
 - Roof Terrace
 - Free Plan
 - Radial Window
 - Free Facade
 - Towards a New Architecture
 - "Eyes That Do Not See"
 - Modular
 - Anthropometric scale of proportions
 - Based on Vitruvian Man
 - Golden ratio
 - Called homes "machines for living"



Ant Farm

- Chip Lord and Doug Michels
 - Cadillac Ranch



Antoni Gaudí Spanish 1852-1926

Sagrada Família

- Barcelona, Spain
 - Unfinished Roman Catholic minor basilica
 - God's house
 - Took over from Francisco Vilar
 - 18 spires, representing Biblical figures
 - Built on sculptures of turtles

Casa Milà

- La Pedrera or "The Stone Quarry"
 - Commissioned by Pere Milà and wife Roser Segimon for their living room
 - Self-supporting stone facade
 - Made with the help of Josep Maria Jujol
 - Classical elements as witch scatters
 - Undulating walls

Casa Batlló

- Known as "House of bones" for skeletal organic structure
 - Nicknamed "house of stones" for mouth-like moldings under lower windows
- Located on the "Block of Bones"
- Two lion heads on the top left said to represent the lance of Saint George
- Dragon's spine roof arch
- House of Bones

- Tall futuristic building planned for NYC if built
- Would have been tallest building in NYC if built
- Proposed for plans when redesigning Ground Zero

Park Güell

- Commissioned by Eusebi Güell
- Porter's Lodge
- Mosaic patterns nicknamed "el drac" (the dragon)
- Colorful mosaics

El Capricho

- Summer house
- *defective body that holds with support*

Casa Vicens



Frank Gehry Canadian-American 1929

EMP Museum

- Formerly known as Experience Music Project
- Now called Museum of Pop Culture or MoPOP
- Pop culture-themed electric guitar
- Seattle, Washington
- Walt Disney Concert Hall
- Los Angeles
- Home of Los Angeles Philharmonic and Los Angeles Mater Choral

Guggenheim Museum Bilbao

- Inaugurated by King Juan Carlos I
- *The randomness of the curves were designed to catch the light*
- Nervion River

Fishbone Restaurant

- Shaped like fish
 - Tree-shaped buildings

Dancing House

- In collaboration with Vlado Milunić
- *Constructivist* approach
- Prague

Jay Pritzker Pavilion

In Millennium Park, Chicago

- East Edge

- Furniture made of laminated cardboard
- Gates of the City

Ray and Maria Stata Center

- MIT
- Sealed after water leakage and other problems
- Gates Tower
- Dreyfuss Tower

Fondation Louis Vuitton

- The Rock
- Daniel Buren added colorful panels to his building

Blindcarts Building

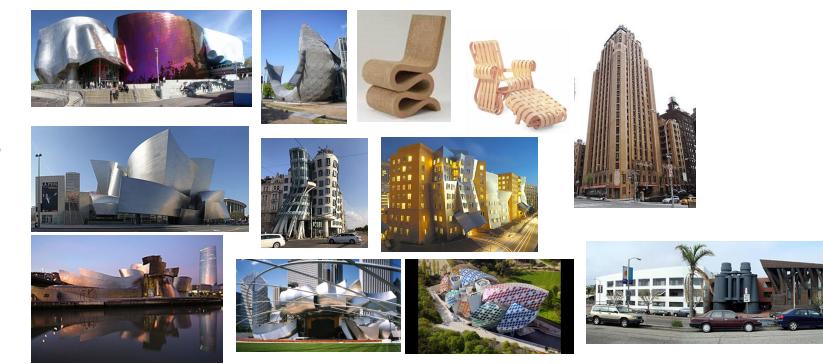
- Gift shop of binoculars by Claes Oldenburg in front

Beekman Tower

- Art deco building in Manhattan

- Formerly Donald Trump after it was one foot taller than Trump Tower

Picked to design the Dwight D. Eisenhower Memorial in DC



Truck driver who tried chem engineering and radio announcing

Walter Gropius German 1883-1969

- Fagus factory
 - Shop factory
 - Inspired by Peter Behrens' AEG Turbine Factory
 - Pan Am Building (Now the MetLife Building)
 - John F. Kennedy Federal Building
 - Boston
 - University of Baghdad
 - Gropius House
 - Lincoln, Massachusetts
 - Outdoors spiral staircase
 - The Architects Collaborative, his firm
 - Founder of the Bauhaus School



Zaha Hadid Iraqi-British 1950-2016

- Guangzhou Opera House
- London Aquatics Centre
- 2012 Summer Olympics
- Beijing Daxing International Airport
 - Nicknamed "starfish"
- Al Janoub Stadium
 - Formerly Al Wakrah Stadium
 - Built for 2022 FIFA World Cup in Qatar
- Pioneer of parametricism



Izidore of Miletus- Byzantine Greek

- Hagia Sophia
 - Along with Anthemius of Tralles
 - Used Corinthian
 - Ottoman mosque
- Part of Euclid's and Archimedes' work have been attributed to him



Philip Johnson American 1906-2005

- Glass House
 - Designed in New Canaan, Connecticut
 - Painting Gallery
 - Enter through Da monsta
 - Brick & Glass
 - Inspired by Mies van der Rohe's Farnsworth House
 - Landscape inspired by Poussin's The Burial of Phocion
 - Upstate New York
 - His office building
 - Frost Bank is a corner office (circular)
 - AT&T Building (Sony Building) (550 Madison Avenue)
 - New York City
 - Inspired by Chippendale furniture
 - Created with partner John Burgee
 - Usonian style
 - Garden Grove
 - Designed for evangelist Robert Schuler
 - Contains one of the largest organs in the world
 - First Pritzker Prize



Fazlur Khan- Bangladeshi-American 1929 1982

- Willis Tower (formerly Sears Tower)
 - Chicago
 - Surpassed WTC and became tallest building in the world in 1973
 - Architectural Center
 - 100 story
- DeWitt-Chestnut Building
 - Introduced his "Tube structural systems"



Richard Meier American 1934

- Barcelona Museum
 - "Piano Nobile"
- City Hall and Central Library, The Hague
- Getty Center, Los Angeles
- Museum of the Americas
 - Frieze of garlands hanging from bucrania
 - Panel depicting a goddess flanked by a swan and dragon
- Utilizes the color white
- Member of New York Five



Ludwig Mies van der Rohe- German-American 1886-1969

- Chicago Federal Complex
 - Everett McKinley Dirksen United States Courthouse
 - Krueck and Sexton Building
 - US Post Office
 - Neuwe Palme
 - Farnsworth House
 - Next to Fox River
 - Set on 100 feet stilts, so it does not flood when the river does
 - Built as retreat
 - Inspired by Le Corbusier's Glass House
 - 860-880 Lake Shore Drive Apartments
 - Pair of glass and steel apartment buildings
 - Chicago
 - Seagram Building
 - Manhattan
 - Co-designed with Philip Johnson
 - "Prairie School"
 - Restaurant
 - Three recession blinds (open, closed, or halfway)
 - Bartlet Pavilion
 - 1929 International Exposition
 - Contains Barcelona Chairs
 - With Ludwig Mies
 - Brno, Czech Republic
 - For Fritz and Great Tugendhat
 - Only window
 - Glass wall that functions like a car window
 - Tugendhat Chair
 - Brno Chair
 - Museum of Modern Arts, Houston
 - Second largest museum in US
 - National Gallery, Berlin
 - S+L Design
 - Illinois Institute of Technology
 - Worked in the office of Peter Behrens
 - Collaborated with Le Corbusier
 - Fond of "less is more" and "God is in the details"
 - Bauhaus



John Nash- British 1752-1835

- Royal Pavilion
 - Brighton
 - India Baroque style of India
- Marble Arch Palace
- Buckingham Palace
- Regency era
 - Collaboration with James Burton
- Worked during the Georgian and Regency eras



I M Pei Chinese 1917-2019

- John F. Kennedy Presidential Library and Museum
- Mile High Center for Atmospheric Research
- Museum of Islamic Art
 - Qatar
 - East Wing of the National Gallery of Art
 - Fragrant Hill Hotel
 - Mitro Museum of Art
 - Rock and Roll Hall of Fame
 - Shore of Lake Erie
 - 162 foot tall white tower
 - Glass pyramid outside of Louvre



Renzo Piano- Italian 1937

- Pompidou Center
 - With Richard Rogers, chosen among 681 others





Renzo Piano- Italian 1937
Pompidou Centre
 • With Richard Rogers, chosen among 881 others
 • Contains library, museum, and auditory research center
 • "Inside-out" building with color-coded pipes and wires
 • Near Stravinsky Fountain
 Whitechapel Gallery of American Art
 • Manhattan
Kansai International Airport
 • Artificial island in Osaka Bay
 • Redesigned the Kansai Airport
 • Longest airport in the world
 • Withstood Kobe earthquake and typhoon
 • One million sand pits and sliding joints

The Shard
 • Pyramidal top
 • Tallest building in UK



Nicola Pisano- Italian
Pulpit



Kevin Roche- Irish-American 1922-2019
Knights of Columbus
 Knights with Dinkloo



Eero Saarinen- Finnish-American 1910-1961
Gates Arch
 • St Louis
 • Coronado Curve
Krebs Auditorium at MIT
Inglis Rank
 • "The Whale"
Dulles International Airport
 • Washington DC
TWA Terminal at JFK Airport
 • Just turned it into a hotel



Moshe Safdie- Israeli-Canadian 1938
Marina Bay Sands
 • Expensive resort in Singapore
 • Inspired by cards
 • Cloud Villas
 • Sky Park
 • Largest casino in the world
Habitat 67
 • Montreal Expo 67
 • Extension of his thesis
 • Completed when he was 23
 • Series of cubes that resemble houses but are stacked like apartments
 • Near Saint Lawrence River
Crystal Bridges Museum
 • Bentonville, Arkansas



Christopher Wren- English 1632-1723
St. Paul's Cathedral
 • On Ludgate Hill
 • Important events
Charles II
 • First large project
Kensington Palace
 Build much after the Great Fire of London
 Named "King's Surveyor of Works by Charles II
 Creativity attributed to others and Nicholas Hawksmoor
 "Reader, if you seek his monument, look around you"

Frank Lloyd Wright- American 1867-1959
Robie House
 • Adjacent to campus of University of Chicago
 • Prairie School
 • Horizontal orientation and low roofs
Fallingwater (Kaufmann House)
 • Cantilever
Johnson Wax Building
 • Racine, Wisconsin
 • Ulysses columns in Great Workroom
Taliesin
 • His home and studio in Wisconsin
 • Hexagonal dinner theater and "origami" chairs
 • Built after Julian Carlton burned down Taliesin, killing his wife
Guggenheim Museum
 • Called an inverted ziggurat
Larkin Building
 • Unity Temple
Imperial Hotel
 • Tokyo
 • Survived a 1923 earthquake
 • Said that he built it on mud, because there was no solid ground
Maya Revival hotel
 • Tokyo
Larkin Administration Building
 • Buffalo, New York
 Worked under Louis Sullivan
 "Organic Architecture"



John Utzon
Kuwait National Assembly Building
 Sydney Opera House
 • Site on Benelong Point
 Additive Architecture