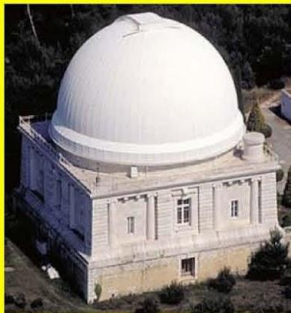


THE HISTORY OF ARCHITECTURE

FROM PREHISTORIC TO MODERN TIMES



**The sixteenth Album:
THE WORLD'S ARCHITECTURE
OF THE 1870's**



Albums of characteristic examples for the Educational course

by Dr. Konstantin I.Samoilov

Almaty, 2017

This series of albums generated for information purposes of the Educational course "The General History of Architecture": 2 credits / 30 hours of lectures.

Until the 1870's, examples are grouped by region. In this period, the phenomenon of a single world architectural process begins to manifest itself. Since the 1870's, examples have been grouped by decades.

Thirty albums illustrate the following topics:

- the 1st Album: EDUCATIONAL AND SCIENTIFIC-THEORETICAL SOURCES
- the 2nd Album: THE PREHISTORIC ERA's ARCHITECTURE
- the 3rd Album: THE ANCIENT EGYPTIAN ARCHITECTURE
- the 4th Album: THE ANCIENT MESOPOTAMIAN ARCHITECTURE
- the 5th Album: THE ANCIENT GREEK ARCHITECTURE
- the 6th Album: THE ANCIENT ROMAN ARCHITECTURE
- the 7th Album: THE MEDIEVAL EUROPEAN ARCHITECTURE
- the 8th Album: THE EUROPEAN RENAISSANCE'S ARCHITECTURE
- the 9th Album: THE MEDIEVAL MAGHREB'S, THE NEAR EASTERN AND THE CAUCASUS'S ARCHITECTURE
- the 10th Album: THE MEDIEVAL CENTRAL ASIAN ARCHITECTURE
- the 11th Album: THE ANCIENT AND MEDIEVAL CHINESE ARCHITECTURE
- the 12th Album: THE MEDIEVAL SOUTHEASTERN AND EASTERN ASIAN ARCHITECTURE
- the 13th Album: THE MEDIEVAL CENTRAL AMERICAN ARCHITECTURE
- the 14th Album: THE EASTERN EUROPE MIDDLE AGES AND NEW TIMES ARCHITECTURE
- the 15th Album: THE WESTERN EUROPEAN AND THE NORTH AMERICAN NEW TIMES ARCHITECTURE

- **the 16th Album: THE WORLD's ARCHITECTURE OF THE 1870's**
- the 17th Album: THE WORLD's ARCHITECTURE OF THE 1880's
- the 18th Album: THE WORLD's ARCHITECTURE OF THE 1890's
- the 19th Album: THE WORLD's ARCHITECTURE OF THE 1900's
- the 20th Album: THE WORLD's ARCHITECTURE OF THE 1910's
- the 21st Album: THE WORLD's ARCHITECTURE OF THE 1920's
- the 22nd Album: THE WORLD's ARCHITECTURE OF THE 1930's
- the 23rd Album: THE WORLD's ARCHITECTURE OF THE 1940's
- the 24th Album: THE WORLD's ARCHITECTURE OF THE 1950's
- the 25th Album: THE WORLD's ARCHITECTURE OF THE 1960's
- the 26th Album: THE WORLD's ARCHITECTURE OF THE 1970's
- the 27th Album: THE WORLD's ARCHITECTURE OF THE 1980's
- the 28th Album: THE WORLD's ARCHITECTURE OF THE 1990's
- the 29th Album: THE WORLD's ARCHITECTURE OF THE 2000's
- the 30th Album: THE WORLD's ARCHITECTURE OF THE 2010's

Examples are distributed in chronological order of the construct completion.

Images sources are indicated directly near with illustrations on each page.

Architects and companies listed on the basis of aggregate data from different sources (for some objects from various sources indicate different authors). About some buildings listed authors in the available sources has not yet been found.

The Author expresses his gratitude to Internet resources – <https://www.google.com> ; <https://www.wikipedia.org> – which to provide the ability to collect an information.

The 16th Album's front cover:

The Royal Albert Hall, London, United Kingdom, 1871 (Arch. Francis Fowke, Henry Young Darracott Scott) - http://www.facade-project.ru/images/cms/data/arh_znamenitye_zdaniya/royalalberthall-1.jpg

The Michigan State Capitol, Michigan, USA, 1871 (Arch. Elijah E. Myers) - <https://s3.amazonaws.com/gs-waymarking-images/0282d853-b95d-4a9b-9aba-c10876ca09fc.JPG>

The Museum of Applied Knowledge, Moscow, Russia, 1877 (Arch. Ippolito Martin Florian Monighetti) - http://idis-moscow.ru/wp-content/uploads/2014/03/88589_original.jpg

The Observatoire de Nice, Nice, France, 1879 (Arch. Jean-Louis-Charles Garnier / Alexandre Gustave Eiffel designed the main dome) - http://turpogoda.ru/photo/attr_img/259_49_225_1.jpg

Purpose of the 16th Lecture:

To study the basic features of the World architecture in 1870's.

Tasks of the 16th Lecture:

- To consider characteristic examples of specifically organized spaces and buildings;
- To accentuate the features of construction depending on the availability of building materials;
- To emphasize the difference between cult and dwelling buildings.

Tasks for the self-research work:

1. Study the change in the nomenclature of buildings and structures during the evolution of the 1870's Architecture.
2. Analyze geometric parameters of main types of structures and buildings.

Questions for the self-preparation:

1. Accentuate the features of the USA's 1870's architecture
2. Accentuate the features of the European 1870's architecture

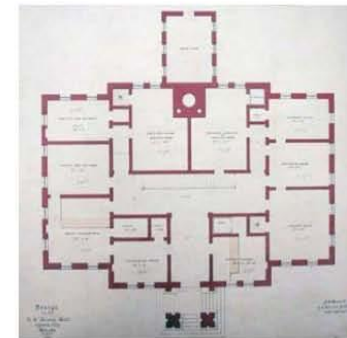
Themes of abstracts (16 pages, 40 000 characters, A4 format):

1. The evolution of the British 1870's Architecture
2. The evolution of the French 1870's Architecture
3. The evolution of the North American 1870's Architecture

Examples for the 16th Lecture:

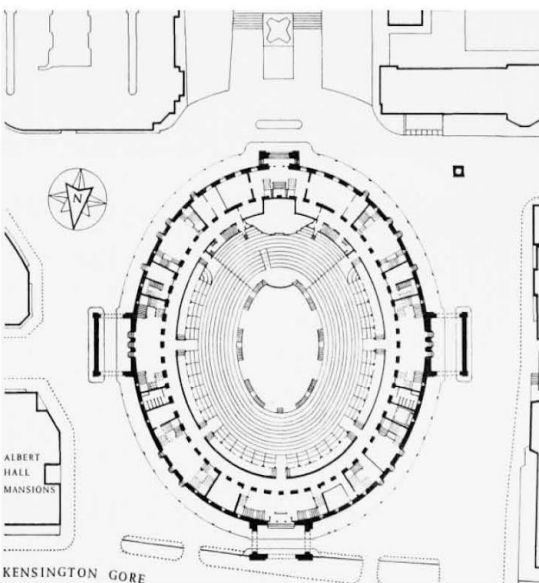
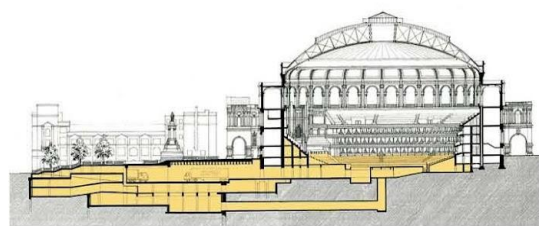
- 16.1 The Carson City Mint, Carson City, Nevada, USA, 1870 (Arch. Alfred Bult Mullett)
- 16.2 The Royal Albert Hall, London, United Kingdom, 1871 (Arch. Francis Fowke, Henry Young Darracott Scott)
- 16.3 The Michigan State Capitol, Michigan, USA, 1871 (Arch. Elijah E. Myers)
- 16.4 The Keble College, Oxford, United Kingdom, 1872 (Arch. William Butterfield)
- 16.5 The Wisconsin Leather Company Building, Milwaukee, Wisconsin, USA, 1874 (Arch. Edward Townsend Mix)
- 16.6 The Opéra de Paris / Opéra Garnier, Paris, France, 1875 (Arch. Jean-Louis-Charles Garnier)
- 16.7 The "Galleria Vittorio Emanuele II" mall, Milan, Italy, 1877 (Arch. Giuseppe Mengoni)
- 16.8 The Museum of Applied Knowledge, Moscow, Russia, 1877 (Arch. Ippolito Martin Florian Monighetti)
- 16.9 The Chief Post Office, Christchurch, New Zealand, 1878 (Arch. William Henry Clayton)
- 16.10 The Observatoire de Nice, Nice, France, 1879 (Arch. Jean-Louis-Charles Garnier / Alexandre Gustave Eiffel designed the main dome)

16.1 The Carson City Mint, Carson City, Nevada, USA, 1870 (Arch. Alfred Bult Mullett)



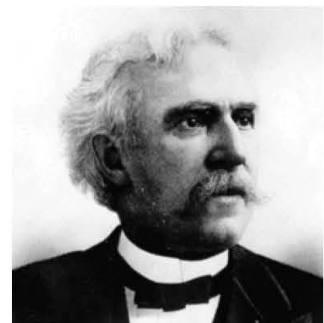
Sources: <http://www.nevadaappeal.com/wp-content/uploads/2016/10/Mint1-NAP-072014.jpg> ; http://4.bp.blogspot.com/-8lUX6ibLP7A/U6E4638bj8I/AAAAAAAAAbjQ/PMjd2bpqnQ/s1600/IMG_0096+%2528640x480%2529.jpg ; https://www.treasury.gov/about/history/exhibition/PublishingImages/ccplanfirst2_lg.jpg ; https://upload.wikimedia.org/wikipedia/commons/8/8a/Alfred_Bult_Mullett.jpg

16.2 The Royal Albert Hall, London, United Kingdom, 1871 (Arch. Francis Fowke, Henry Young Darracott Scott)



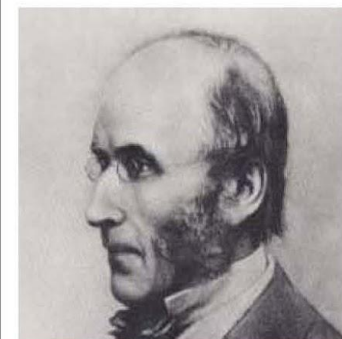
Sources: http://www.facade-project.ru/images/cms/data/arh_znamenitve_zdaniya/royalalberthall-1.jpg; <http://www.free-city-guides.com/wp-content/uploads/2010/02/London-Albert-Hall-Roof-Curve.jpg>; <http://www.pudlo.com/wp-content/uploads/Drawing.jpg>; <http://www.british-history.ac.uk/sites/default/files/publications/pubid-364/images/fig31.gif>; https://www.klm.com/travel/en/images/E29ACB91-1E13-4861-B539-7253E18216EC_tcm493-605422_912x912_80.jpg; <https://upload.wikimedia.org/wikipedia/commons/1/1d/FrancisFowke.jpg>

16.3 The Michigan State Capitol, Michigan, USA, 1871 (Arch. Elijah E. Myers)



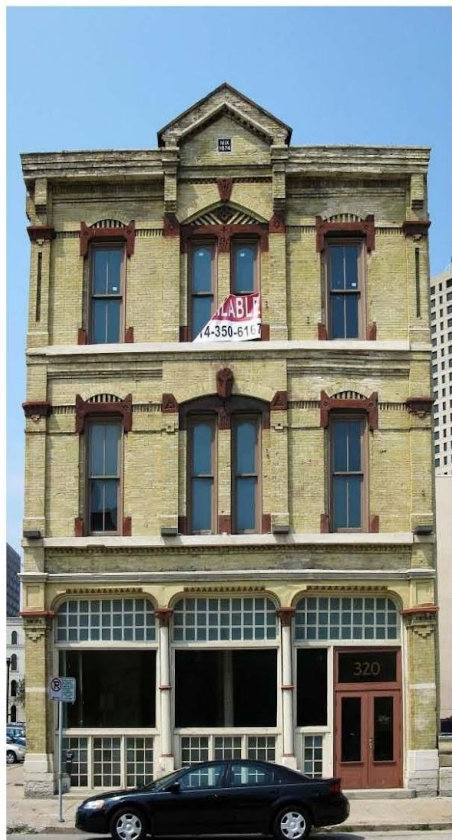
Sources: <https://s3.amazonaws.com/gs-waymarking-images/0282d853-b95d-4a9b-9aba-c10876ca09fc.JPG> ;
<http://council.legislature.mi.gov/Content/images/capitolimages/capitol6.jpg> ; https://upload.wikimedia.org/wikipedia/commons/f/fe/Emyers_colorado.gif

16.4 The Keble College, Oxford, United Kingdom, 1872 (Arch. William Butterfield)



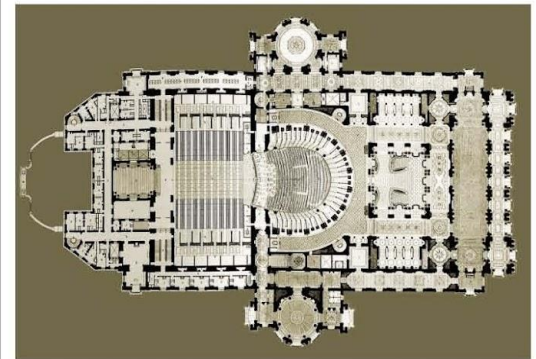
Sources: https://upload.wikimedia.org/wikipedia/commons/thumb/b/b4/Keble_College_Chapel_-_Oct_2006.jpg/800px-Keble_College_Chapel_-_Oct_2006.jpg ; <http://appliedimprovisation.network/wp-content/uploads/2016/02/004.jpg> ; https://c1.staticflickr.com/7/6027/6189862799_362bac1e9d_b.jpg ; <https://media-cdn.tripadvisor.com/media/photo-s/09/a6/46/b2/keble-college.jpg> ; <http://www.britainexpress.com/images/attractions/editor3/Keble-8491.jpg> ; https://upload.wikimedia.org/wikipedia/commons/7/7d/William_Butterfield.jpg

16.5 The Wisconsin Leather Company Building, Milwaukee, Wisconsin, USA, 1874 (Arch. Edward Townsend Mix)



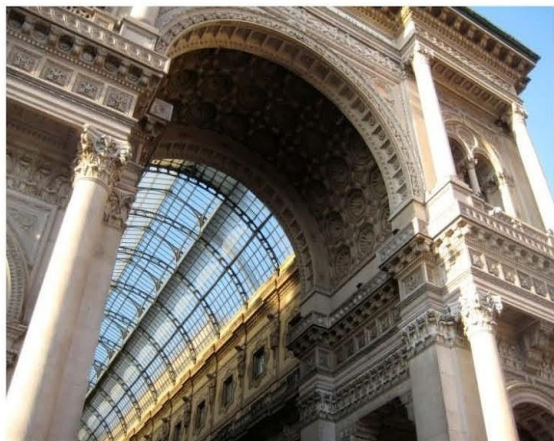
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16.6 The Opéra de Paris / Opéra Garnier, Paris, France, 1875 (Arch. Jean-Louis-Charles Garnier)



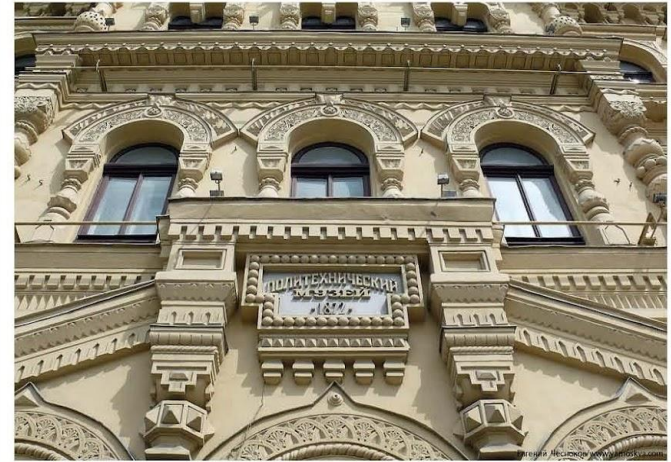
Sources: http://www.ocigogo.com/images/paris/0000/85_opera-de-paris.jpg ; <http://www.unav.es/ha/007-TEAT/opera-paris/opera-paris-063.jpg> ;
https://upload.wikimedia.org/wikipedia/commons/c/c1/Charles_Garnier_architect.jpg

16.7 The "Galleria Vittorio Emanuele II" mall, Milan, Italy, 1877 (Arch. Giuseppe Mengoni)



Sources: <http://static.thousandwonders.net/Galleria.Vittorio.Emanuele.II.original.3326.jpg> ; <http://www.gobbi1842.com/wp-content/uploads/2016/08/Gallerie-vittorio-emanuele-milano-milan-watch-gobbi1842-inside-square5.jpg> ; <https://images.trvl-media.com/media/content/shared/images/travelguides/destination/180012/Galleria-Vittorio-Emanuele-II-87621.jp> ; [https://upload.wikimedia.org/wikipedia/commons/b/b4/Galleria_Vittorio_Emanuele_II_\(Milan\)_art.jpg](https://upload.wikimedia.org/wikipedia/commons/b/b4/Galleria_Vittorio_Emanuele_II_(Milan)_art.jpg) ; http://www.touringclub.it/sites/default/files/immagini_georiferite/galleria_vittorio_emanuele_ii_a_milano_fly.jpg ; http://www.ingalleria.com/mengoni/mengoni_00.jpg

16.8 The Museum of Applied Knowledge, Moscow, Russia, 1877 (Arch. Ippolito Martin Florian Monighetti)



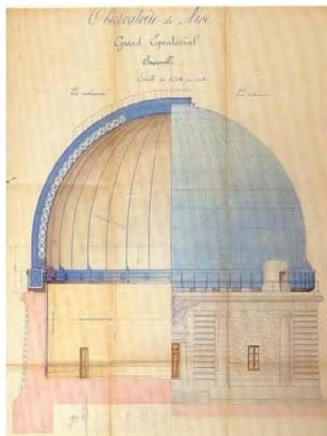
Sources: http://idis-moscow.ru/wp-content/uploads/2014/03/88589_original.jpg ;
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https://upload.wikimedia.org/wikipedia/commons/4/4b/Karl_Brullov_21.jpg

16.9 The Chief Post Office, Christchurch, New Zealand, 1878 (Arch. William Henry Clayton)



Sources: https://upload.wikimedia.org/wikipedia/commons/thumb/8/86/Chief_Post_Office%2C_Christchurch.jpg/1280px-Chief_Post_Office%2C_Christchurch.jpg ;
https://upload.wikimedia.org/wikipedia/commons/d/dd/Clocktower_in_Christchurch.jpg ; https://upload.wikimedia.org/wikipedia/commons/thumb/4/45/William_Clayton%2C_1860.jpg/800px-William_Clayton%2C_1860.jpg

16.10 The Observatoire de Nice, Nice, France, 1879
(Arch. Jean-Louis-Charles Garnier / Alexandre Gustave Eiffel designed the main dome)



Sources: https://upload.wikimedia.org/wikipedia/commons/0/0c/Observatoire_de_Nice.jpg ; http://www.cnesobservatoire-cosmothropos.fr/uploader/mdimg/172_298_1327700154.jpg ;
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Briefly about the Author



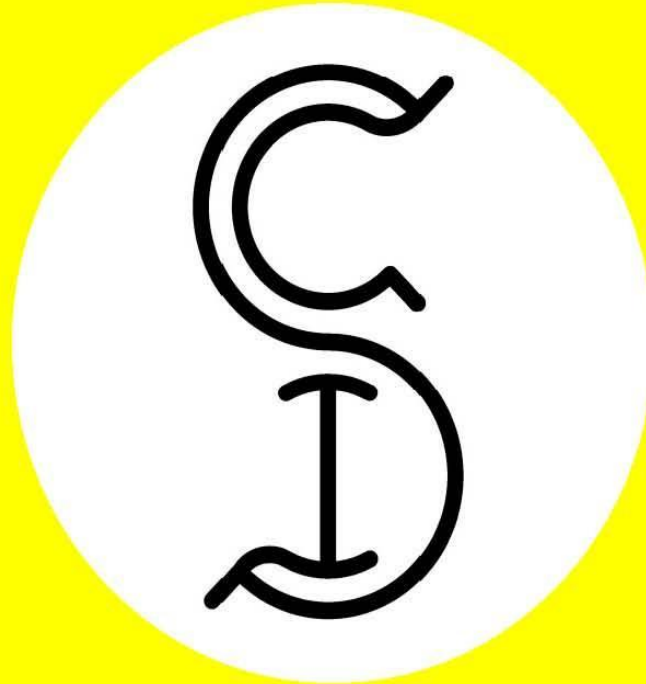
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The sixteenth Album: THE WORLD's ARCHITECTURE OF THE 1870's. – Almaty, 2017. – 18 p.