

# THE HISTORY OF ARCHITECTURE

FROM PREHISTORIC TO MODERN TIMES



The twenty fifth Album:  
**THE WORLD'S ARCHITECTURE  
OF THE 1960'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 1960's, examples are grouped by region. In this period, the phenomenon of a single world architectural process begins to manifest itself. Since the 1960's, examples have been grouped by decades.

**Thirty albums illustrate the following topics:**

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

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

**The Federal Capital complex, Brasília, Brazil, beginning of 1960's (Arch. Lúcio Marçal Ferreira Ribeiro Lima Costa, Oscar Ribeiro de Almeida Niemeyer Soares Filho) - <http://traveltimeonline.com/wp-content/uploads/2012/01/BraziliagorodstolitsaDvoretz-Kongressov.jpg>**

**The United States Air Force Academy Cadet Chapel, Colorado Springs, USA, 1962 (Arch. Walter A.Netsch – Skidmore, Owings & Merrill) - <http://noahsdad.com/wp-content/uploads/2011/08/airforce-academy-chapel-colorado-springs4-640x426.jpg>**

**The State Museum of the History of Cosmonautics named after Konstantin E.Tsiolkovsky, Kaluga, USSR, 1967 (Arch. B.G.Barkhin, E.I.Kireev, N.G.Orlova, V.A.Strogij, K.D.Fomin) - <http://www.september-t.ru/upload/september/location/14118.jpg>**

**The "Habitat 67" - a model community and housing complex, Montreal, Quebec, Canada, 1967 (Arch. Moshe Safdie) - <http://traveltimeonline.com/wp-content/uploads/2013/06/KanadaMonrealZdanie-Habitat-67-2.jpg>**

**Purpose of the 25<sup>th</sup> Lecture:**

To study the basic features of the World architecture in 1960's.

**Tasks of the 25<sup>th</sup> 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 1960'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 1960's architecture
2. Accentuate the features of the European 1960's architecture

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

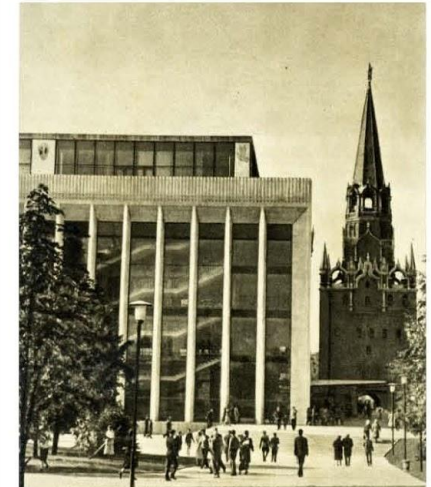
1. The evolution of the Japan 1960's Architecture
2. The evolution of the French 1960's Architecture
3. The evolution of the USSR 1960's Architecture

## Examples for the 25<sup>th</sup> Lecture:

- 25.1 The Kremlin Palace of Congresses / Кремлёвский Дворец съездов, Moscow, USSR, 1961 (Arch. Mikhail V.Posokhin, Ashot A.Mndoyants, Evgeniy N.Stamo, Pavel P.Steller, Nikolay M.Schepetnikov)
- 25.2 The Federal Capital complex, Brasília, Brazil, beginning of 1960's (Arch. Lúcio Marçal Ferreira Ribeiro Lima Costa, Oscar Ribeiro de Almeida Niemeyer Soares Filho)
- 25.3 The Trans World Airlines Flight Center, New York City, USA, 1962 (Arch. Eero Saarinen)
- 25.4 The United States Air Force Academy Cadet Chapel, Colorado Springs, USA, 1962 (Arch. Walter A.Netsch – Skidmore, Owings & Merrill)
- 25.5 The Heliport for the 1964 New York World's Fair / "Terrace on the Park" – a banquet hall in Flushing Meadows-Corona Park, New York City, USA 1963 (Arch. Allan Gordon Lorimer)
- 25.6 "The Economist" Building, London, United Kingdom, 1964 (Arch. Alison Smithson and Peter Smithson)
- 25.7 The Yamanashi Broadcasting and Press Centre, Kōfu, Japan, 1966 (Arch. Kenzō Tange)
- 25.8 The State Museum of the History of Cosmonautics named after Konstantin E.Tsiolkovsky, Kaluga, USSR, 1967 (Arch. B.G.Barkhin, E.I.Kireev, N.G.Orlova, V.A.Strogij, K.D.Fomin)
- 25.9 The Pavilion of the United States for the 1967 World Fair, Expo 67 / the Montreal Biosphère, Montreal, Quebec, Canada, 1967 (Arch. Richard Buckminster "Bucky" Fuller)
- 25.10 The "Habitat 67" - a model community and housing complex, Montreal, Quebec, Canada, 1967 (Arch. Moshe Safdie)

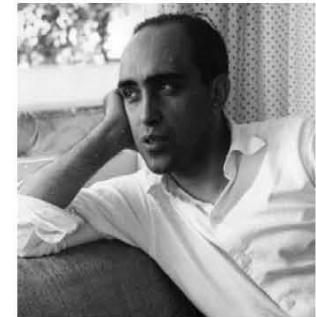
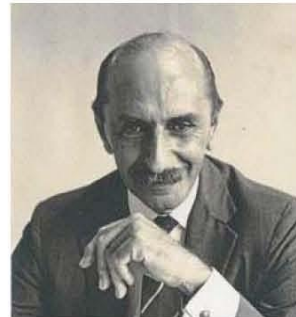
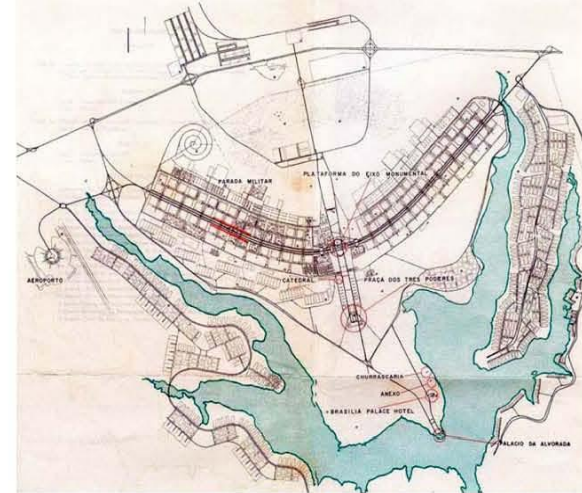


**25.1 The Kremlin Palace of Congresses / Кремлёвский Дворец съездов, Moscow, USSR, 1961  
(Arch. Mikhail V.Posokhin, Ashot A.Mndoyants, Evgeniy N.Stamo, Pavel P.Steller, Nikolay  
M.Schepetnikov)**



Source: <http://museums.artyx.ru/books/item/f00/s00/z0000000/pic/000077.jpg> ; <http://www.etoretro.ru/data/media/19/1358942748bab.jpg>; [http://persons-info.com/userfiles/image/persons/30000-40000/38000-39000/38967/SHTELLER\\_Pavel\\_Pavlovich\\_2.jpg](http://persons-info.com/userfiles/image/persons/30000-40000/38000-39000/38967/SHTELLER_Pavel_Pavlovich_2.jpg)

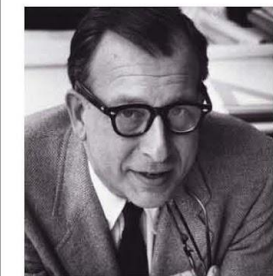
## 25.2 The Federal Capital complex, Brasília, Brazil, beginning of 1960's (Arch. Lúcio Marçal Ferreira Ribeiro Lima Costa, Oscar Ribeiro de Almeida Niemeyer Soares Filho)



Source: <http://traveltimeline.com/wp-content/uploads/2012/01/BraziliaqorodstolitsaDvorets-Kongressov.jpg>; <http://telegraf.com.ua/files/2012/12/qorod-brazilia.jpg>; <https://s-media-cache-ak0.pinimg.com/originals/d5/67/96/d567962991d68b59156a20c3249a7556.jpg>; <https://s-media-cache-ak0.pinimg.com/236x/10/fb/7f/10fb7f7d600139e0d5720c78fec75be8.jpg>; <http://i.archi.ru/i/650/20986.jpg>

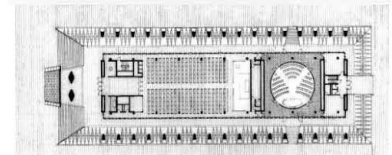
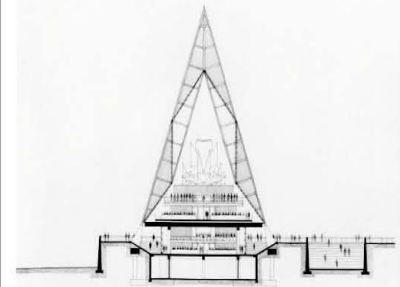


## 25.3 The Trans World Airlines Flight Center, New York City, USA, 1962 (Arch. Eero Saarinen)



Source: <https://karenjohnsonphotography.files.wordpress.com/2011/10/twa-terminal-full.jpg> ; <http://i.huffpost.com/gen/245136/images/r-TWA-JFK-large570.jpg> ; <http://airwaysnews.com/galleries/12214.jpg> ; <http://living.corriere.it/lifestyle/foto/2015/01/16/libro-es/Eero-Saarinen-ok.jpg?v=201501161334>

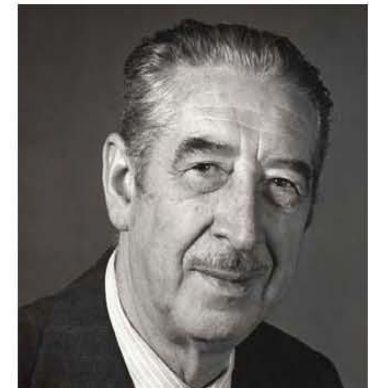
## 25.4 The United States Air Force Academy Cadet Chapel, Colorado Springs, USA, 1962 (Arch. Walter A. Netsch – Skidmore, Owings & Merrill)



Source: <http://noahsdad.com/wp-content/uploads/2011/09/airforce-academy-chapel-colorado-springs4-640x426.jpg> ; <https://mylittlemagicworld.files.wordpress.com/2012/12/1275859720-united-state-air-force-academy-cadet-chapel-section.jpg> ; <https://s-media-cache-ak0.pinimg.com/736x/e6/36/af/e636afb2dfe7107dd4857204e5b6e294.jpg> ; <http://exhibits.library.northwestern.edu/walternetsch/images/netsch/netsch2-1969sm.jpg>

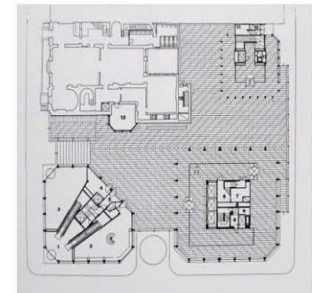


**25.5 The Heliport for the 1964 New York World's Fair / "Terrace on the Park" – a banquet hall in Flushing Meadows-Corona Park, New York City, USA 1963 (Arch. Allan Gordon Lorimer)**



Source: <https://youdwreckthenation.files.wordpress.com/2015/02/terrace-2.jpg> ; <http://www.nwrf64.com/Image/poraut/poraut4-8.jpg> ; <http://www.nwrf64.com/Image/poraut/poraut34.jpg> ; <https://media.wnyc.org/media/photologue/images/86/Lorimer600.jpg>

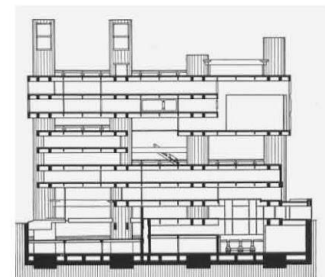
## 25.6 “The Economist” Building, London, United Kingdom, 1964 (Arch. Alison Smithson and Peter Smithson)



Source: [http://www.bdonline.co.uk/Pictures/web/p/h/w/Economist-5526-we\\_546.jpg](http://www.bdonline.co.uk/Pictures/web/p/h/w/Economist-5526-we_546.jpg); [http://www.andrewhiggott.com/uploads/3/2/3/9/3239204/928231\\_orig.jpg?1367956449](http://www.andrewhiggott.com/uploads/3/2/3/9/3239204/928231_orig.jpg?1367956449); <https://s-media-cache-ak0.pinimg.com/736x/9a/7d/54/9a7d5443568c446a3628c5f382beeb6c.jpg>; <http://us.123rf.com/450wm/claودیdivizia/claودیdivizia1402/claودیdivizia140200082/25542271-london-england-uk-march-04-2009-the-economist-building-designed-in-1962-by-alison-and-peter-smithso.jpg>; [http://images.adsttc.com/media/images/5412/6b3a/c07a/8093/1f00/009a/slideshow/53a5e8cfc07a80a393000086\\_what-can-be-learnt-from-the-smithsons-new-brutalism-in-2014-aps-at-priory-walk-e1297701703123.jpg?1410493236](http://images.adsttc.com/media/images/5412/6b3a/c07a/8093/1f00/009a/slideshow/53a5e8cfc07a80a393000086_what-can-be-learnt-from-the-smithsons-new-brutalism-in-2014-aps-at-priory-walk-e1297701703123.jpg?1410493236)



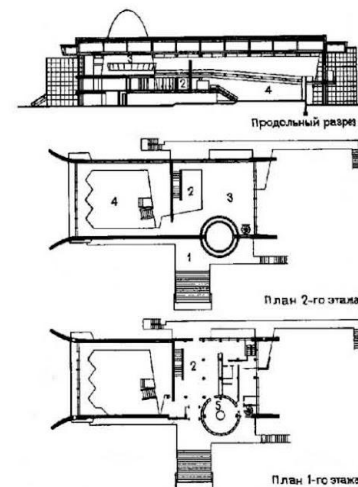
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Source: <https://s-media-cache-ak0.pinimg.com/736x/a7/27/d6/a727d6415d5a79f0c801a514fce5085f.jpg> ; <http://3.bp.blogspot.com/-BRtb5m-ucw/U7UPdYFEqg/AAAAAAAAEDY/NFik080oOCU/s1600/TANGE+Yamanashi-seccion-R.jpg> ; [https://farm4.staticflickr.com/3676/13793159764\\_028a6c291f\\_b.jpg](https://farm4.staticflickr.com/3676/13793159764_028a6c291f_b.jpg) ; <http://i.archi.ru/i/650/309.jpg>

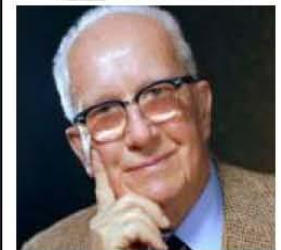
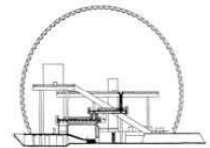


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Source: <http://www.september-t.ru/upload/september/location/14118.jpg>; <http://kaluga-apx.users.photofile.ru/photo/kaluga-apx/150974732/167627298.jpg>; <http://sm.evq-rumjantsev.ru/pictures/barkhin1.jpg>; <http://www.raasn.ru/images/akademiki/kireev.jpg>

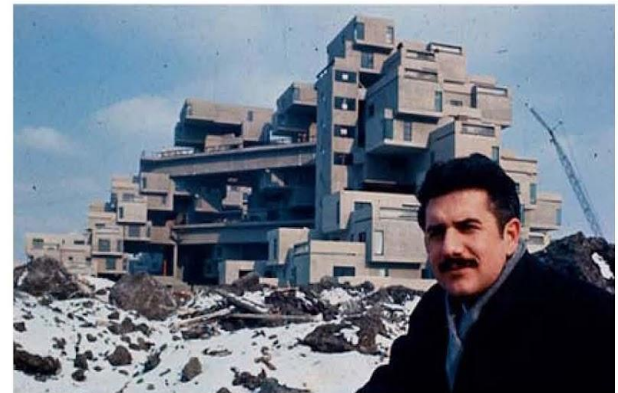
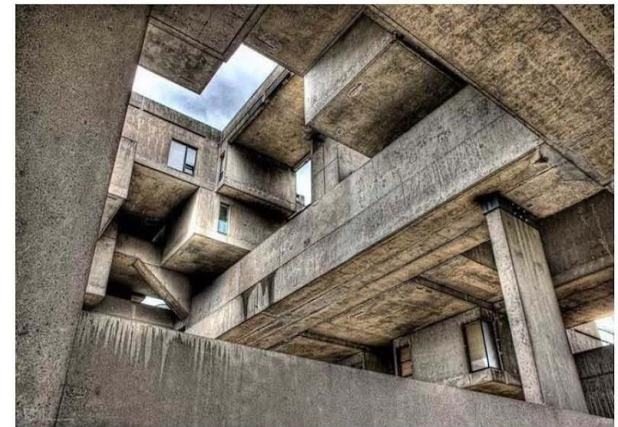
**25.9 The Pavilion of the United States for the 1967 World Fair, Expo 67 / the Montreal Biosphère, Montreal, Quebec, Canada, 1967 (Arch. Richard Buckminster "Bucky" Fuller)**



Source: <http://www.tourisme-montreal.org/blog/wp-content/uploads/2012/05/expo67-usa-pavilion-biosphere-tourisme-montreal-2012.jpg> ; <http://expo67.ncf.ca/mini-express-expo67-us-pavilion.jpg> ; <http://we-aggregate.org/media/files/d94c1beaaf818a96d916835b40aab7f0.jpg> ; <http://britton.disted.camosun.bc.ca/expo67/unitedstates5.jpg> ; [http://a1.files.biography.com/image/upload/c\\_fill.cs\\_srgb,dpr\\_1.0,g\\_face,h\\_300,g\\_80,w\\_300/MTE10DA00TcxNIM0NDkvOTQx.jpg](http://a1.files.biography.com/image/upload/c_fill.cs_srgb,dpr_1.0,g_face,h_300,g_80,w_300/MTE10DA00TcxNIM0NDkvOTQx.jpg)



**25.10 The "Habitat 67" - a model community and housing complex, Montreal, Quebec, Canada, 1967 (Arch. Moshe Safdie)**



Source: <http://traveltimeonline.com/wp-content/uploads/2013/06/KanadaMonrealZdanie-Habitat-67-2.jpg> ; [https://upload.wikimedia.org/wikipedia/commons/thumb/e/e3/Habitat\\_panorama.jpg/1920px-Habitat\\_panorama.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/e/e3/Habitat_panorama.jpg/1920px-Habitat_panorama.jpg) ; <https://s-media-cache-ak0.pinimg.com/736x/05/8a/cd/058acd2910437af78db27d7804cb135e.jpg> ; [https://c2.staticflickr.com/4/3061/3092777939\\_db85c90875.jpg](https://c2.staticflickr.com/4/3061/3092777939_db85c90875.jpg)

**Recommended educational and scientific-theoretical sources:**

1. The general history of architecture. In 12 volumes. Tom Volume 11: The Architecture of the Capitalist Countries of the 20th Century = Всеобщая история архитектуры. В 12 томах. Том Том 11 : Архитектура капиталистических стран XX в. / Под редакцией А. В. Иконникова (ответственный редактор), Ю. Ю. Савицкого, Н. П. Былинкина, С. О. Хан-Магомедова, Ю. С. Яралова, Н. Ф. Гуляницкого. - 1973.
2. The general history of architecture. In 12 volumes. Tom Tom 12 (first book): Architecture of the USSR = Всеобщая история архитектуры. В 12 томах. Том Том 12 (первая книга) : Архитектура СССР / Под редакцией Н. В. Баранова (ответственный редактор), Н. П. Былинкина, А. В. Иконникова, Л. И. Кирилловой, Г. М. Орлова, Б. Р. Рубаненко, Ю. Ю. Савицкого, И. Е. Рожина, Ю. С. Яралова (зам. отв. редактора). - 1975.
3. Ikonnikov A.V. Architecture of the twentieth century: Utopias and reality. = Иконников А.В. Архитектура XX века: Утопии и реальность. – т. 1. – Москва: Прогресс-Традиция, 2001.
4. State Kremlin Palace / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/State\\_Kremlin\\_Palace](https://en.wikipedia.org/wiki/State_Kremlin_Palace)
5. Посохин, Михаил Васильевич / Материал из Википедии - свободной энциклопедии. - URL: [https://ru.wikipedia.org/wiki/Посохин,\\_Михаил\\_Васильевич](https://ru.wikipedia.org/wiki/Посохин,_Михаил_Васильевич)
6. Мндоянц, Ашот Ашотович / Материал из Википедии - свободной энциклопедии. - URL: [https://ru.wikipedia.org/wiki/Мндоянц,\\_Ашот\\_Ашотович](https://ru.wikipedia.org/wiki/Мндоянц,_Ашот_Ашотович)
7. Стамо, Евгений Николаевич / Материал из Википедии - свободной энциклопедии. - URL: [https://ru.wikipedia.org/wiki/Стамо,\\_Евгений\\_Николаевич](https://ru.wikipedia.org/wiki/Стамо,_Евгений_Николаевич)
8. Штеллер, Павел Павлович / Материал из Википедии - свободной энциклопедии. - URL: [https://ru.wikipedia.org/wiki/Штеллер,\\_Павел\\_Павлович](https://ru.wikipedia.org/wiki/Штеллер,_Павел_Павлович)
9. Brasilia / From Wikipedia, the free encyclopedia. - URL: <https://en.wikipedia.org/wiki/Brasília>
10. Lúcio Costa / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Lúcio\\_Costa](https://en.wikipedia.org/wiki/Lúcio_Costa)
11. Oscar Niemeyer / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Oscar\\_Niemeyer](https://en.wikipedia.org/wiki/Oscar_Niemeyer)
12. Eero Saarinen / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Eero\\_Saarinen](https://en.wikipedia.org/wiki/Eero_Saarinen)
13. TWA Flight Center / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/TWA\\_Flight\\_Center](https://en.wikipedia.org/wiki/TWA_Flight_Center)
14. Walter Netsch / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Walter\\_Netsch](https://en.wikipedia.org/wiki/Walter_Netsch)
15. Skidmore, Owings & Merrill / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Skidmore,\\_Owings\\_%26\\_Merrill](https://en.wikipedia.org/wiki/Skidmore,_Owings_%26_Merrill)
16. United States Air Force Academy Cadet Chapel / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/United\\_States\\_Air\\_Force\\_Academy\\_Cadet\\_Chapel](https://en.wikipedia.org/wiki/United_States_Air_Force_Academy_Cadet_Chapel)
17. Alison and Peter Smithson / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Alison\\_and\\_Peter\\_Smithson](https://en.wikipedia.org/wiki/Alison_and_Peter_Smithson)
18. Tsiolkovsky State Museum of the History of Cosmonautics / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Tsiolkovsky\\_State\\_Museum\\_of\\_the\\_History\\_of\\_Cosmonautics](https://en.wikipedia.org/wiki/Tsiolkovsky_State_Museum_of_the_History_of_Cosmonautics) ; [https://ru.wikipedia.org/wiki/Государственный\\_музей\\_истории\\_космонавтики\\_имени\\_К.\\_Э.\\_Циолковского](https://ru.wikipedia.org/wiki/Государственный_музей_истории_космонавтики_имени_К._Э._Циолковского)
19. Buckminster Fuller / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Buckminster\\_Fuller](https://en.wikipedia.org/wiki/Buckminster_Fuller)
20. Montreal Biosphère / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Montreal\\_Biosphère](https://en.wikipedia.org/wiki/Montreal_Biosphère)
21. Expo 67 / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Expo\\_67](https://en.wikipedia.org/wiki/Expo_67)
22. Moshe Safdie / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Moshe\\_Safdie](https://en.wikipedia.org/wiki/Moshe_Safdie)
23. Habitat 67 / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Habitat\\_67](https://en.wikipedia.org/wiki/Habitat_67)

## Briefly about the Author



# Konstantin I.SAMOILOV

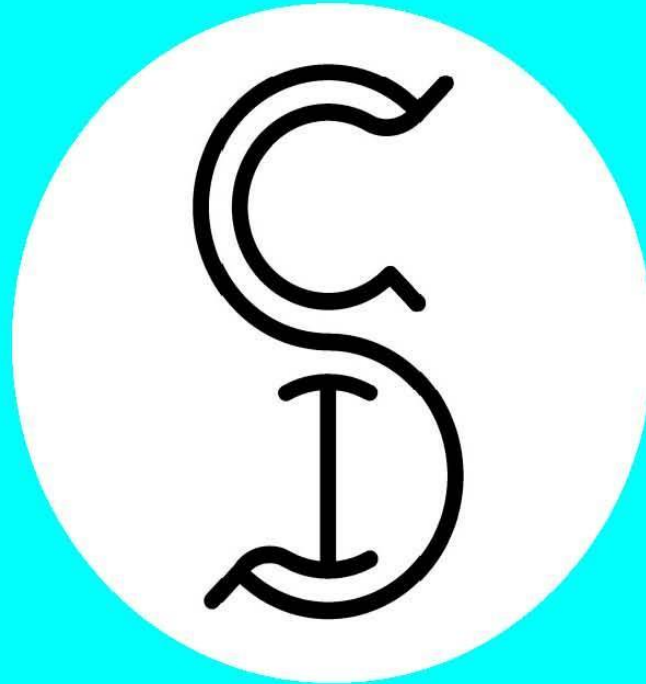
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THE HISTORY OF ARCHITECTURE FROM PREHISTORIC TO MODERN TIMES:  
Albums of characteristic examples for the Educational course / by Dr. Konstantin I.Samoilov. –  
The twenty fifth Album: THE WORLD'S ARCHITECTURE OF THE 1960's. – Almaty, 2017. – 18 p.