

# THE HISTORY OF ARCHITECTURE

FROM PREHISTORIC TO MODERN TIMES



the eighth Album:

## THE EUROPEAN RENAISSANCE'S ARCHITECTURE



**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 mid-19<sup>th</sup> century, examples are grouped by region. In this period, the phenomenon of a single world architectural process begins to manifest itself. Since the last third of the 19<sup>th</sup> century, 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 MEDIEVAL CHINESE ARCHITECTURE
- the 12<sup>th</sup> Album: THE MEDIEVAL SOUTHEAST AND EAST 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 8<sup>th</sup> Album's front cover:*

**The Palazzo Medici / Palazzo Medici Riccardi, Florence, Italy, 1460 (Arch. Michelozzo di Bartolomeo Michelozzi) -**

<http://www.babaimage.com/images/palazzo-medici-riccardi-palazzo-medici-riccardi.jpg>

**The “Tempietto di San Pietro in Montorio”, Rome, Italy, 1502 (Arch. Donato Bramante / Donato di Pascuccio d'Antonio /**

**Bramante Lazzari) - : <http://intranet.pogmacva.com/uploads/img/673935f06245aabcf869ffe71e784e709b2a5d1e.jpg>**

**The “La chiesa del Santissimo Nome di Gesù” / il Gesù, Roma, 1580 (Arch. Jacopo Barozzi da Vignola, Giacomo Della Porta) -**

[https://upload.wikimedia.org/wikipedia/commons/7/7d/Chiesa\\_gesu\\_facade.jpg](https://upload.wikimedia.org/wikipedia/commons/7/7d/Chiesa_gesu_facade.jpg)

**The Villa Almerico Capra Valmarana / Villa La Rotonda, Vicenza, Italy, 1592 (Arch. Andrea Palladio) -**

[https://upload.wikimedia.org/wikipedia/commons/e/ec/Villa\\_Rotonda\\_side.jpg](https://upload.wikimedia.org/wikipedia/commons/e/ec/Villa_Rotonda_side.jpg)

**Purpose of the 8<sup>th</sup> Lecture:**

To study the basic features of the European Renaissance's architecture.

**Tasks of the 8<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 European Renaissance's architecture
2. Analyze geometric parameters of main types of structures and buildings.

**Questions for the self-preparation:**

1. Accentuate the features of different building of the Byzantine architecture
2. The European Architecture of the Post Renaissance (the Baroque) period

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

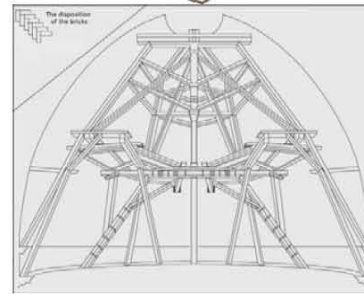
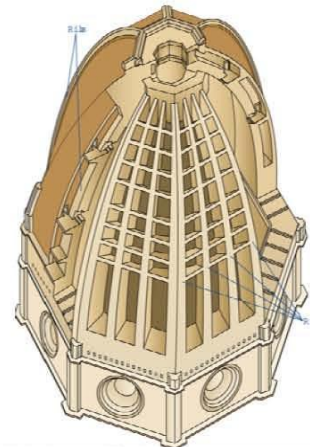
1. The evolution of the Protorenaissance's Architecture
2. The evolution of the High Renaissance's Architecture
3. The evolution of the Late Renaissance's Architecture

## Examples for the 8<sup>th</sup> Lecture:

- 8.1 The Cathedral of Saint Mary of the Flowers / La Cattedrale di Santa Maria del Fiore, Florence, Italy, 1436 (Arch. Arnolfo di Cambio, Giotto di Bondone, Andrea Pisano, Francesco Talenti, Giovanni di Lapo Ghini, Alberto Arnoldi, Giovanni d'Ambrogio, Neri di Fioravante and Orcagna, Filippo Brunelleschi)
- 8.2 The "Ospedale degli Innocenti", Florence, Italy, 1445 (Arch. Filippo Brunelleschi)
- 8.3 The Palazzo Medici / Palazzo Medici Riccardi, Florence, Italy, 1460 (Arch. Michelozzo di Bartolomeo Michelozzi)
- 8.4 The "Tempietto di San Pietro in Montorio", Rome, Italy, 1502 (Arch. Donato Bramante / Donato di Pascuccio d'Antonio / Bramante Lazzari)
- 8.5 The Château de Chambord, Chambord, France, 1547 (Arch. Domenico da Cortona / "Boccador")
- 8.6 The "La chiesa del Santissimo Nome di Gesù" / il Gesù, Roma, 1580 (Arch. Jacopo Barozzi da Vignola, Giacomo Della Porta)
- 8.7 The Royal Site of San Lorenzo de El Escorial / Monasterio y Sitio de El Escorial en Madrid / El Escorial, Town of San Lorenzo de El Escorial, Spain, 1584 (Arch. Juan Bautista de Toledo, Juan de Herrera)
- 8.8 The Villa Almerico Capra Valmarana / Villa La Rotonda, Vicenza, Italy, 1592 (Arch. Andrea Palladio)
- 8.9 The Hardwick Hall, Derbyshire, England, 1597 (Arch. Robert Smythson)
- 8.10 The Vleeshal (the Meat-hall), Haarlem, Netherlands, 1603 (Arch. Lieven de Key)

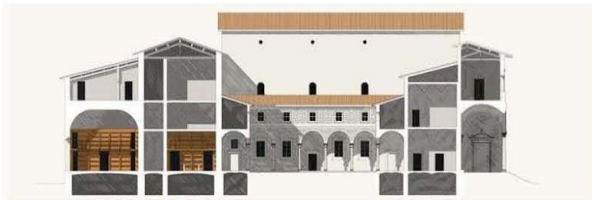
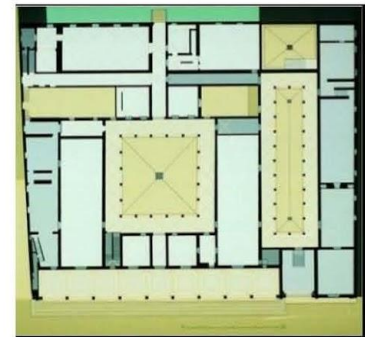
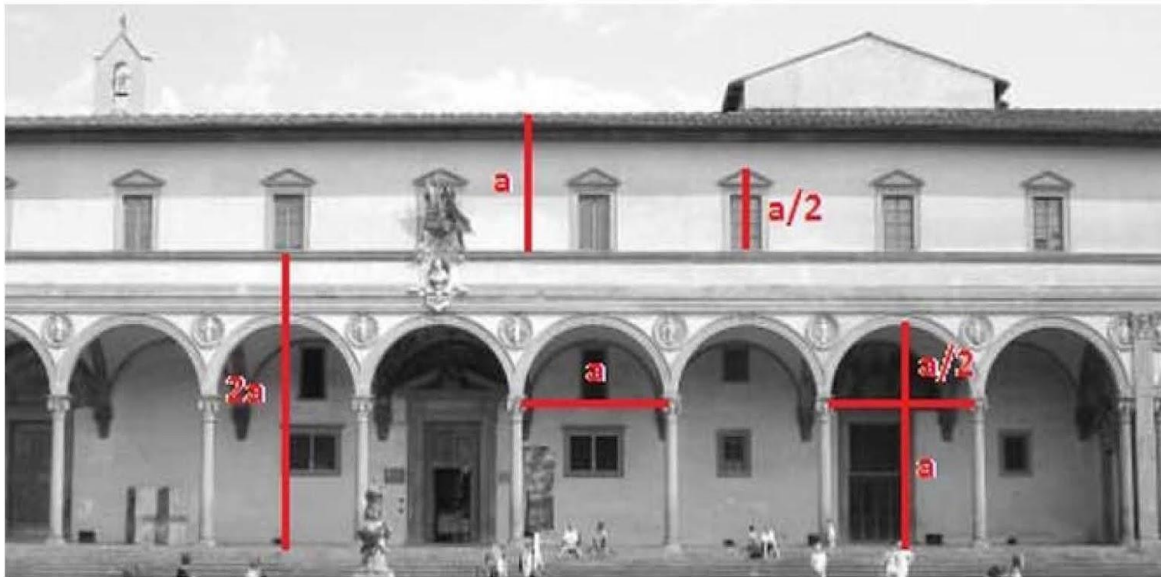


**8.1 The Cathedral of Saint Mary of the Flowers / La Cattedrale di Santa Maria del Fiore, Florence, Italy, 1436 (Arch. Arnolfo di Cambio, Giotto di Bondone, Andrea Pisano, Francesco Talenti, Giovanni di Lapo Ghini, Alberto Arnoldi, Giovanni d'Ambrogio, Neri di Fioravante and Orcagna, Filippo Brunelleschi)**



Sources: <http://www.arch.mcgill.ca/prof/sijpkcs/arch374/winter2001/sfarfa/philopanoramica.jpg> ; <http://www.museumsinflorence.com/foto/duomo/image/imp.jpg> ; <https://s3.amazonaws.com/classconnection/284/flashcards/3727284/png/18-1501242C82E1E74189A.png> ; [https://c1.staticflickr.com/5/4068/4470816301\\_afd8700fd6\\_b.jpg](https://c1.staticflickr.com/5/4068/4470816301_afd8700fd6_b.jpg) ; <http://members.iinet.net.au/~matteoli/images/bustoB.jpg>

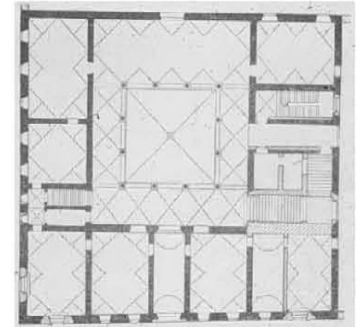
## 8.2 The “Ospedale degli Innocenti”, Florence, Italy, 1445 (Arch. Filippo Brunelleschi)



Source: <http://camillagozza.weebly.com/uploads/2/5/5/8/25586066/492310185.jpg?676> ; [http://paolorizzato.it/wp-content/files\\_flutter/th\\_5c7a3dae1248e9283d9cbd61cd848035\\_1273770771R-MUDI-04.jpg](http://paolorizzato.it/wp-content/files_flutter/th_5c7a3dae1248e9283d9cbd61cd848035_1273770771R-MUDI-04.jpg) ; [https://upload.wikimedia.org/wikipedia/commons/8/89/Ospedale\\_degli\\_innocenti\\_chiostro\\_delle\\_donne\\_02.JPG](https://upload.wikimedia.org/wikipedia/commons/8/89/Ospedale_degli_innocenti_chiostro_delle_donne_02.JPG) ; [https://farm9.staticflickr.com/8175/8027258182\\_87c6bc3efa\\_b.jpg](https://farm9.staticflickr.com/8175/8027258182_87c6bc3efa_b.jpg) ; <http://image.slidesharecdn.com/12-artedelrenacimiento-quattrocento-brunelleschi-120320174241-phpapp01/95/arquitectura-del-renacimiento-brunelleschi-48-728.jpg?cb=1332270854> ; <http://render.fineartamerica.com/images/rendered/medium/greeting-card/images-medium/1-filippo-brunelleschi-granger.jpg>

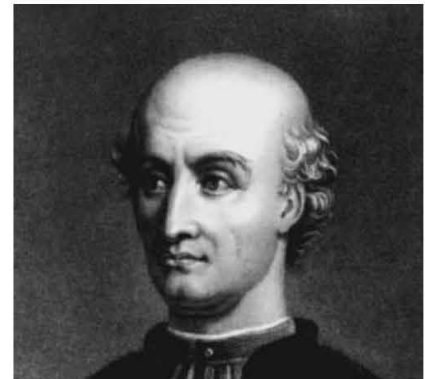
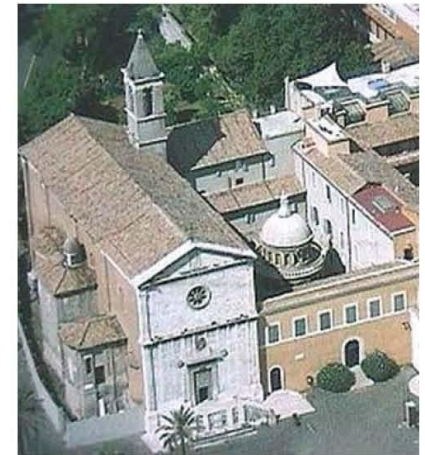
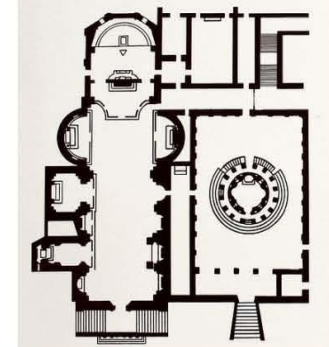


### 8.3 The Palazzo Medici / Palazzo Medici Riccardi, Florence, Italy, 1460 (Arch. Michelozzo di Bartolomeo Michelozzi)



Sources: <http://www.babaimage.com/images/palazzo-medici-riccardi-palazzo-medici-riccardi.jpg> ; <http://www.florencewebguide.com/images/palazzo-medici-riccardi-exterior.jpg> ; [https://upload.wikimedia.org/wikipedia/commons/thumb/d/d4/Palazzo\\_Medici\\_courtyard\\_Apr\\_2008\\_%2810%29.JPG/800px-Palazzo\\_Medici\\_courtyard\\_Apr\\_2008\\_%2810%29.JPG](https://upload.wikimedia.org/wikipedia/commons/thumb/d/d4/Palazzo_Medici_courtyard_Apr_2008_%2810%29.JPG/800px-Palazzo_Medici_courtyard_Apr_2008_%2810%29.JPG) ; [https://upload.wikimedia.org/wikipedia/commons/thumb/6/6c/Fra\\_Angelico\\_074.jpg/220px-Fra\\_Angelico\\_074.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/6/6c/Fra_Angelico_074.jpg/220px-Fra_Angelico_074.jpg) ; <http://easyweb.easynet.co.uk/giorgio.vasari/micheloz/michel7.jpg>

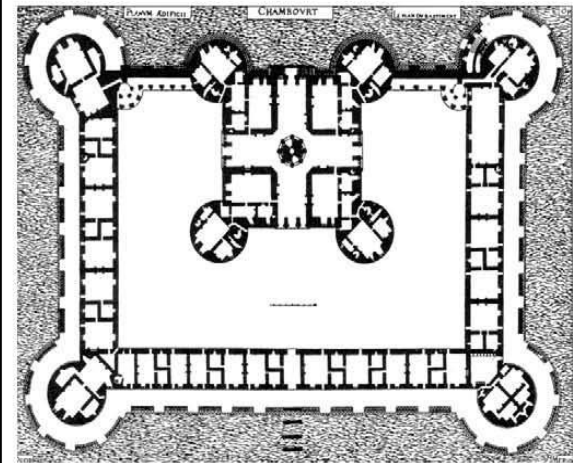
8.4 The “Tempietto di San Pietro in Montorio”, Rome, Italy, 1502 (Arch. Donato Bramante / Donato di Pascuccio d'Antonio / Bramante Lazzari)



Sources: <http://intranet.pogmacva.com/uploads/img/673935f06245aabcf869ffe71e784e709b2a5d1e.jpg> ; [https://c1.staticflickr.com/9/8311/7936578114\\_a3d065792a.jpg](https://c1.staticflickr.com/9/8311/7936578114_a3d065792a.jpg) ; <http://www.weddingplanneronline.it/upload/dynamic/1052/img/791-san-pietro-in-montorio.jpg> ; [http://www.peoples.ru/art/architecture/donato\\_bramante/6r5QYHVRK2IRf.gif](http://www.peoples.ru/art/architecture/donato_bramante/6r5QYHVRK2IRf.gif)



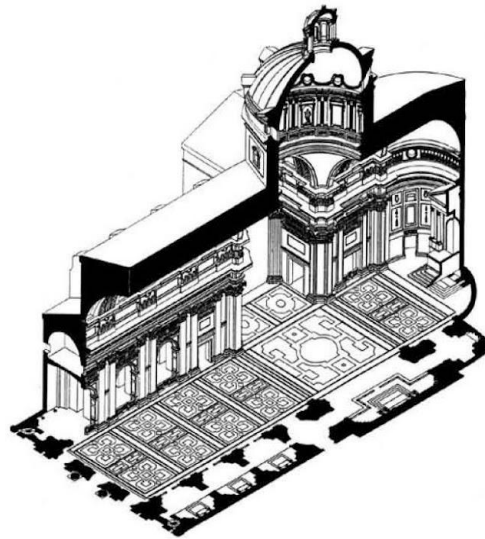
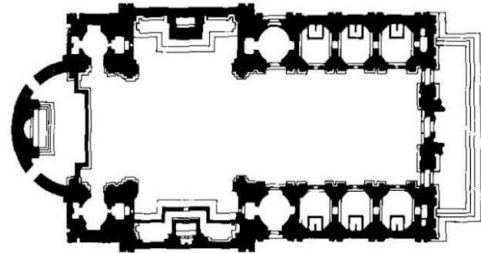
## 8.5 The Château de Chambord, Chambord, France, 1547 (Arch. Domenico da Cortona / "Boccador")



Sources: [https://upload.wikimedia.org/wikipedia/commons/thumb/4/47/Chambord\\_Castle\\_Northwest\\_facade.jpg/1024px-Chambord\\_Castle\\_Northwest\\_facade.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/4/47/Chambord_Castle_Northwest_facade.jpg/1024px-Chambord_Castle_Northwest_facade.jpg) ;  
<https://upload.wikimedia.org/wikipedia/commons/thumb/1/18/ChambordRoof.jpg/1024px-ChambordRoof.jpg> ;  
<https://upload.wikimedia.org/wikipedia/commons/thumb/1/18/ChateauChambordAerialView01.jpg/800px-ChateauChambordAerialView01.jpg> ;  
<https://upload.wikimedia.org/wikipedia/commons/thumb/6/64/ChambordGrundriss.png/800px-ChambordGrundriss.png>



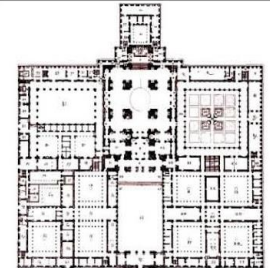
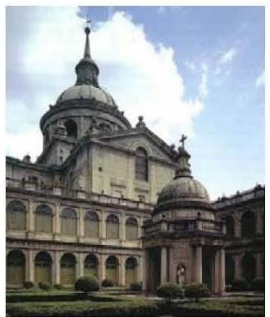
## 8.6 The “La chiesa del Santissimo Nome di Gesù” / il Gesù, Roma, 1580 (Arch. Jacopo Barozzi da Vignola, Giacomo Della Porta)



Sources: [https://upload.wikimedia.org/wikipedia/commons/7/7d/Chiesa\\_gesu\\_facade.jpg](https://upload.wikimedia.org/wikipedia/commons/7/7d/Chiesa_gesu_facade.jpg); <http://polinice.org/wp-content/uploads/2014/11/Vignola-IlGesu41-copia.jpg>; [https://c1.staticflickr.com/9/8320/8000083485\\_b6a0335feb\\_b.jpg](https://c1.staticflickr.com/9/8320/8000083485_b6a0335feb_b.jpg); <http://www.architecturalorders.us/wp-content/uploads/2014/02/vignola.jpg>

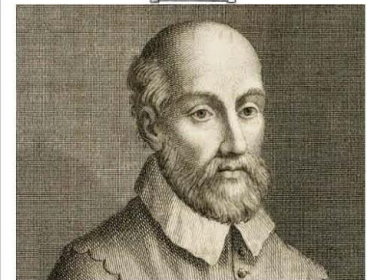
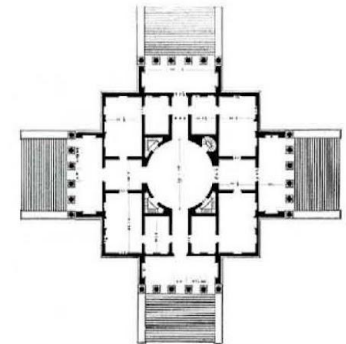


## 8.7 The Royal Site of San Lorenzo de El Escorial / Monasterio y Sitio de El Escorial en Madrid / El Escorial, Town of San Lorenzo de El Escorial, Spain, 1584 (Arch. Juan Bautista de Toledo, Juan de Herrera)



Sources: [https://upload.wikimedia.org/wikipedia/commons/thumb/3/36/Facade\\_monastery\\_San\\_Lorenzo\\_de\\_El\\_Escorial\\_Spain.jpg/1280px-Facade\\_monastery\\_San\\_Lorenzo\\_de\\_El\\_Escorial\\_Spain.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/3/36/Facade_monastery_San_Lorenzo_de_El_Escorial_Spain.jpg/1280px-Facade_monastery_San_Lorenzo_de_El_Escorial_Spain.jpg); <https://upload.wikimedia.org/wikipedia/commons/thumb/a/ad/Evangeliq.jpg/800px-Evangeliq.jpg>; [http://2.bp.blogspot.com/\\_DS36E6Ak7xw/TB-Zbkiglw/AAAAAAAAAGQQ/gF10EQfmd4w/s1600/IMG\\_2392.JPG](http://2.bp.blogspot.com/_DS36E6Ak7xw/TB-Zbkiglw/AAAAAAAAAGQQ/gF10EQfmd4w/s1600/IMG_2392.JPG); [https://upload.wikimedia.org/wikipedia/commons/thumb/c/c1/Escorial\\_traza\\_def.jpg/800px-Escorial\\_traza\\_def.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/c/c1/Escorial_traza_def.jpg/800px-Escorial_traza_def.jpg); <http://lagraniilla.com/wp-content/uploads/2015/03/juantoledo1.jpg>; [http://www.hexapolis.com/wp-content/uploads/2014/08/El-Escorial\\_palace\\_monastery\\_plan\\_1.jpg](http://www.hexapolis.com/wp-content/uploads/2014/08/El-Escorial_palace_monastery_plan_1.jpg); <http://palaciodelafresneda.com/wp-content/uploads/2015/03/juanherreraok.jpg>

## 8.8 The Villa Almerico Capra Valmarana / Villa La Rotonda, Vicenza, Italy, 1592 (Arch. Andrea Palladio)



Sources: [https://upload.wikimedia.org/wikipedia/commons/e/ec/Villa\\_Rotonda\\_side.jpg](https://upload.wikimedia.org/wikipedia/commons/e/ec/Villa_Rotonda_side.jpg); [https://upload.wikimedia.org/wikipedia/commons/0/03/Palladio\\_Rotonda\\_planta\\_Scamozzi\\_1778.jpg](https://upload.wikimedia.org/wikipedia/commons/0/03/Palladio_Rotonda_planta_Scamozzi_1778.jpg); [https://upload.wikimedia.org/wikipedia/commons/9/91/Palladio\\_Rotonda\\_seccion\\_Scamozzi\\_1778.jpg](https://upload.wikimedia.org/wikipedia/commons/9/91/Palladio_Rotonda_seccion_Scamozzi_1778.jpg); <http://2.bp.blogspot.com/-8d0PCfnqW3g/Ta7d74MiE8I/AAAAAAAAADkq/05zJN0sLDSg/s1600/Villa-Palladiana-la-Rotonda.jpg>; [http://static.admagazine.ru/resize\\_cache/imm/block/15e/ff92/610x713\\_Quality97\\_610x713\\_Quality97\\_SF18272.jpg](http://static.admagazine.ru/resize_cache/imm/block/15e/ff92/610x713_Quality97_610x713_Quality97_SF18272.jpg)



## 8.9 The Hardwick Hall, Derbyshire, England, 1597 (Arch. Robert Smythson)

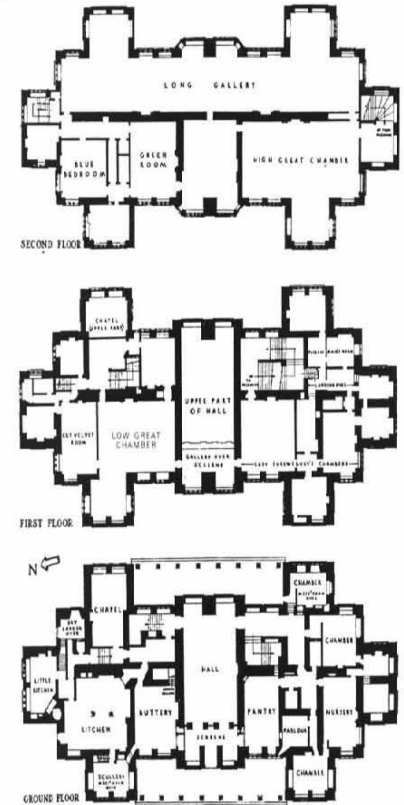
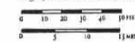


Fig. 9. Hardwick Hall Ground, first and second-floor plans.



Sources: [https://c1.staticflickr.com/6/5348/8912886788\\_f12913ee32\\_b.jpg](https://c1.staticflickr.com/6/5348/8912886788_f12913ee32_b.jpg) ; <http://www.orms.co.uk/wp-content/uploads/2014/12/Orms- Hardwick-Hall Image-02.jpg>

## 8.10 The Vleeshal (the Meat-hall), Haarlem, Netherlands, 1603 (Arch. Lieven de Key)



Sources: [https://upload.wikimedia.org/wikipedia/commons/1/14/Haarlem\\_Vleeshal1.jpg](https://upload.wikimedia.org/wikipedia/commons/1/14/Haarlem_Vleeshal1.jpg); [https://upload.wikimedia.org/wikipedia/commons/thumb/5/50/Haarlem\\_Vleeshal\\_Achtergevel\\_1.JPG/800px-Haarlem\\_Vleeshal\\_Achtergevel\\_1.JPG](https://upload.wikimedia.org/wikipedia/commons/thumb/5/50/Haarlem_Vleeshal_Achtergevel_1.JPG/800px-Haarlem_Vleeshal_Achtergevel_1.JPG)



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

1. *Ospedale degli Innocenti*. - From Wikipedia, the free encyclopedia. – URL: [https://en.wikipedia.org/wiki/Ospedale\\_degli\\_Innocenti](https://en.wikipedia.org/wiki/Ospedale_degli_Innocenti)
2. *Ospedale degli Innocenti*. – URL: [http://www.greatbuildings.com/buildings/ospedale\\_degli\\_innocenti.html](http://www.greatbuildings.com/buildings/ospedale_degli_innocenti.html)
3. *The Florence Cathedral*. - URL: <http://westernart-tahi.blogspot.com/p/florence-cathedral.html>
4. *Donato Bramante* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Donato\\_Bramante](https://en.wikipedia.org/wiki/Donato_Bramante)
5. *Villa Capra "La Rotonda"* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Villa\\_Capra\\_%22La\\_Rotonda%22](https://en.wikipedia.org/wiki/Villa_Capra_%22La_Rotonda%22)
6. *Andrea Palladio* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Andrea\\_Palladio](https://en.wikipedia.org/wiki/Andrea_Palladio)
7. *Palazzo Medici Riccardi* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Palazzo\\_Medici\\_Riccardi](https://en.wikipedia.org/wiki/Palazzo_Medici_Riccardi)
8. *Château de Chambord* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Ch%C3%A2teau\\_de\\_Chambord](https://en.wikipedia.org/wiki/Ch%C3%A2teau_de_Chambord)
9. *Vleeshal* / From Wikipedia, the free encyclopedia. - URL: <https://en.wikipedia.org/wiki/Vleeshal>
10. *Schloss Johannisburg* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Schloss\\_Johannisburg](https://en.wikipedia.org/wiki/Schloss_Johannisburg)
11. *Hardwick Hall* / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Hardwick\\_Hall](https://en.wikipedia.org/wiki/Hardwick_Hall)

## Briefly about the Author



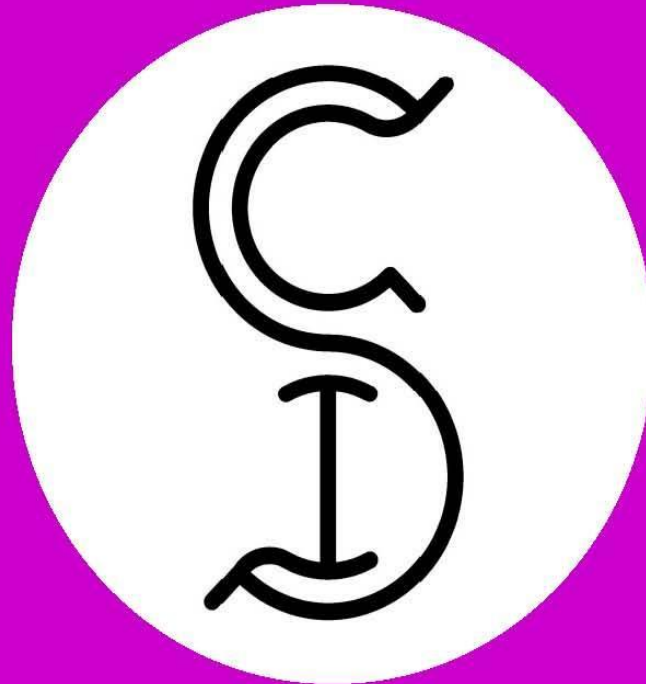
# Konstantin I. SAMOILOV

High Doctorate (Arch) – 2008,  
Doctor of Sciences (Arch) – 2004,  
Candidate of Sciences / eq. PhD(Arch) – 1990,  
Dipl. Arch. / eq. MArch – 1983,  
Dipl. Tech. Arch. / eq. BArch – 1977



**Associate Professor of the Architectural Faculty –**  
Kazakh Leading Academy of Architecture and Civil Engineering –  
**[www.kazgasa.kz](http://www.kazgasa.kz)**

E: [samconiv@yahoo.com](mailto:samconiv@yahoo.com) , [samconiv@mail.ru](mailto:samconiv@mail.ru)



THE HISTORY OF ARCHITECTURE FROM PREHISTORIC TO MODERN TIMES:

Albums of characteristic examples for the Educational course / by Dr. Konstantin I.Samoilov. –

The eighth Album: THE EUROPEAN RENAISSANCE'S ARCHITECTURE. – Almaty, 2017. – 18 p.