



**Photo**

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## Photograph prints of Konstantin Tsiolkovsky as a child

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #119



*Text of the caption:*

*Kostya (i.e. Konstantin) Tsiolkovsky*

*Aged 4 - 5*

*/1857-1862/63/*



**A portrait photograph of Konstantin Tsiolkovsky taken  
when he worked as a teacher in Kaluga diocesan girls'  
school. 1908/1909 school year**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #120



К.Э. Циолковский - учитель  
Калужского епархиального  
женского училища в 1908/909  
учебном году.



*Text of the caption: K.E. Tsiolkovsky - a teacher in Kaluga diocesan girls' school in  
1908/1909 school year*



## A portrait photograph of Konstantin Tsiolkovsky

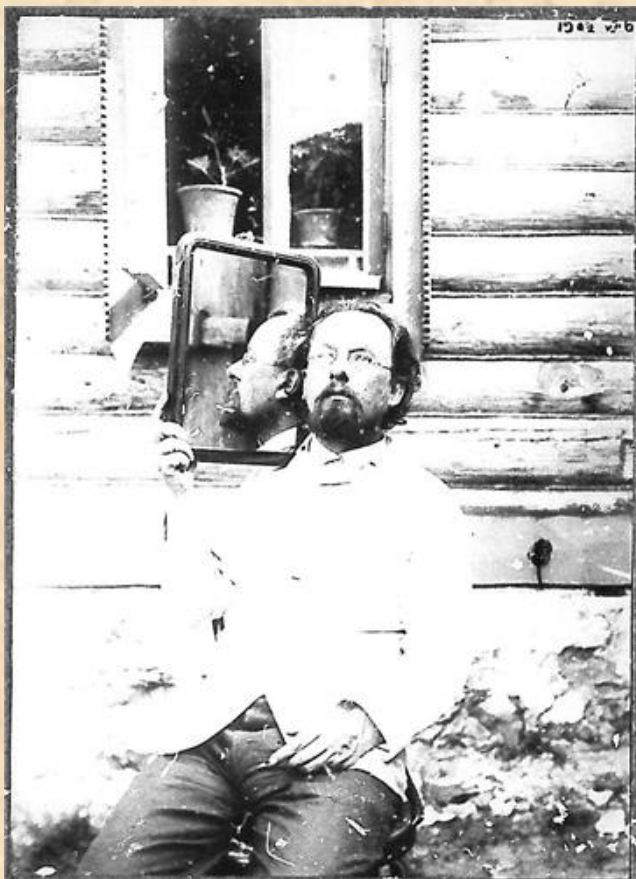
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #121





## A portrait photograph of Konstantin Tsiolkovsky

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #122



К. Э. Циолковский  
45 лет. 1902 г. 6 июля.

pencript note: K.E. Tsiolkovsky, 45 years  
old. 1902, the 6th of July.



## A portrait photograph of Konstantin Tsiolkovsky

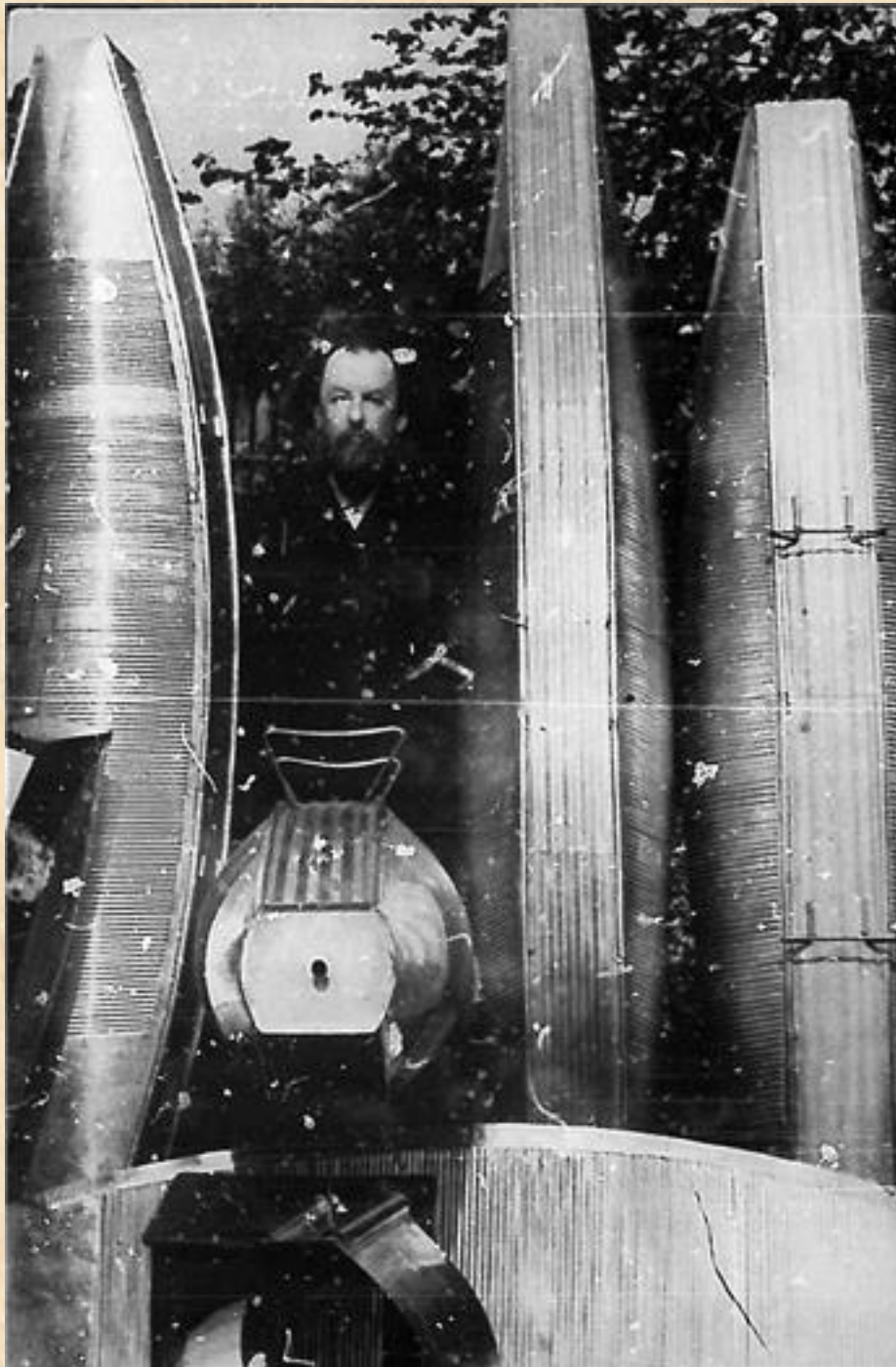
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #123





**Photographs of Konstantin Tsiolkovsky with scale  
models of his airships**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #124





Prizant 1878. 8 years  
Bourgeois  
L...



302  
418  
25c  
28  
= 1,4

...  
...  
...

= 1

Prizant 1878

...  
...  
...

$$m = \frac{1}{11} = 0.09$$





Present 1878. 8 years  
Bourgeois  
L...



302  
418  
25c  
28  
= 1,4

1/2  
1/4  
1/8

1/2 = 1

Handwritten notes and diagrams at the bottom of the page, including a circular diagram on the left and various mathematical expressions and sketches.



## A portrait photograph of Konstantin Tsiolkovsky

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #125







Present 1878. 8 years  
November

302  
418  
25c  
28  
= 1,4

July  
1878

1878

1878

1878  
1878

$$1878 = \frac{1}{11} = 18$$



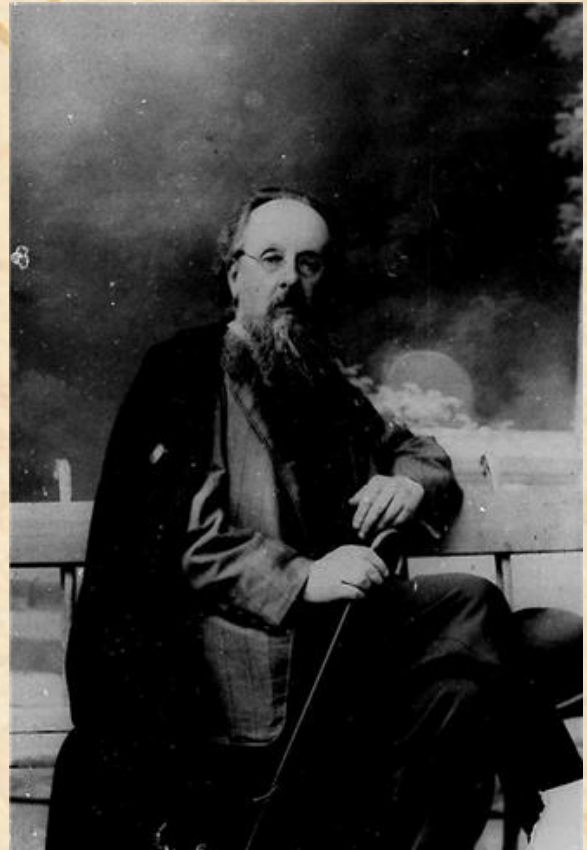


**Portrait photographs of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #126







*К. Э. Циолковский /1924./*

*Text of the caption: K.E. Tsiolkovsky /1924/*



**Photographs of Konstantin Tsiolkovsky working in his  
room**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #128





Prizant 1878. 8 years  
Bourgeois  
lex



302  
418y  
25c  
28  
= 1,4

Page  
100

1=1

Prizant 1878

Prizant 1878  
Bourgeois  
lex

$$m = \frac{1}{11} = 0.0909$$





**A photograph of Konstantin Tsiolkovsky beside a turning lathe in his own workshop.**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #129





**Photographs of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #130







К.Э. Циолковский на отдыхе в летнее время.  
Репродукция с фотографии 1930-31 г.

*Text of the caption: K.E. Tsiolkovsky on summer vacation.*

*Replica from a photograph taken in 1930-31*

Archive of the Russian Academy of Sciences

Fund #555, Inventory #2, File #131



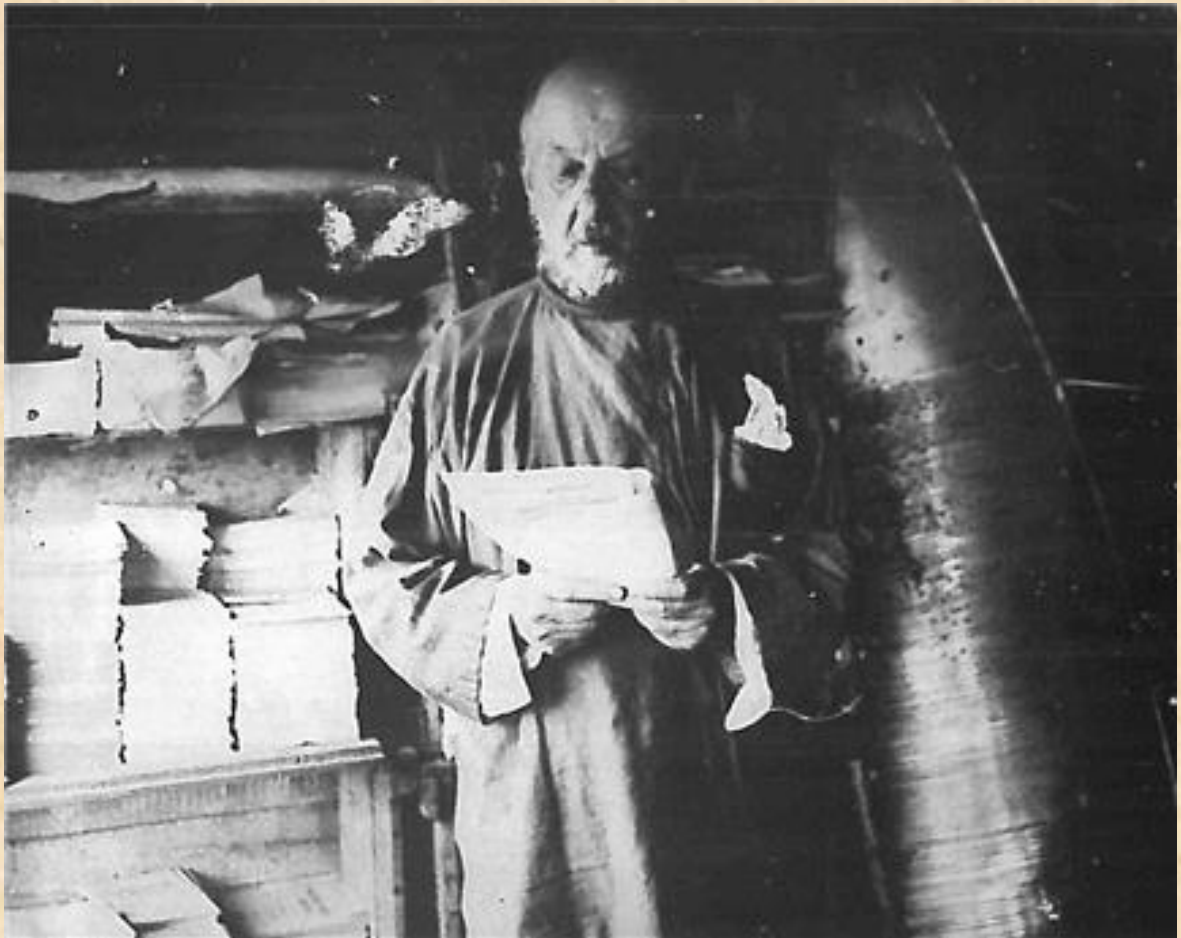




Present 1878. 8 years  
Monop...



302  
4187  
25c.  
28  
= 1,4



8-21-1878

Handwritten notes and scribbles at the bottom of the page, including a circled stamp on the right side.

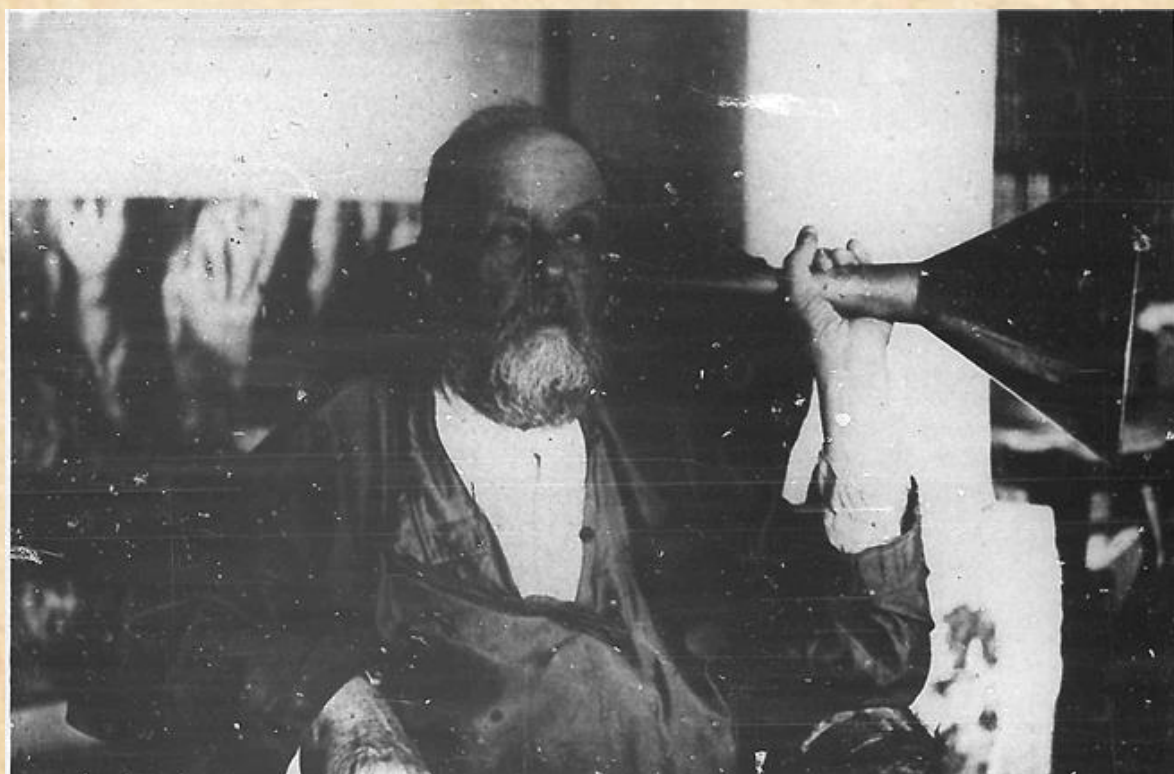


## Photographs of Konstantin Tsiolkovsky with his acoustic tube

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #132









**Photographs of Konstantin Tsiolkovsky having a rest in  
his backyard**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #133



К.Э. Циолковский на отдыхе  
у себя в саду.  
Репродукция по фотографии  
1922 года.

*Text of the caption:  
K.E. Tsiolkovsky having a rest in his backyard.  
Replica from a photograph taken in 1922*



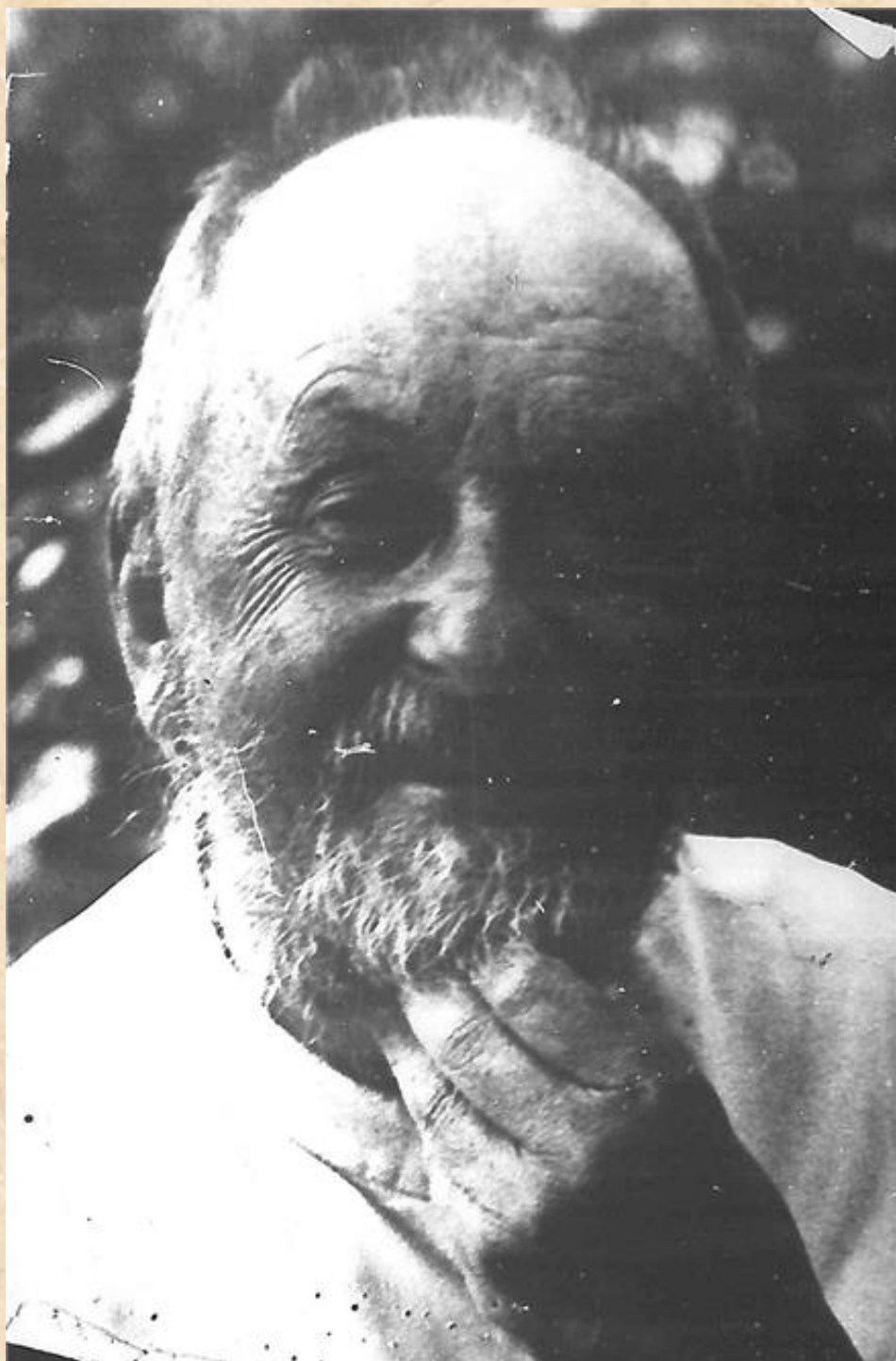
**Portrait photographs of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #134





Present 1878. 8 years  
Bourgeois  
L...



302  
418  
25c  
28  
= 1,4

Page  
1  
1

1  
4

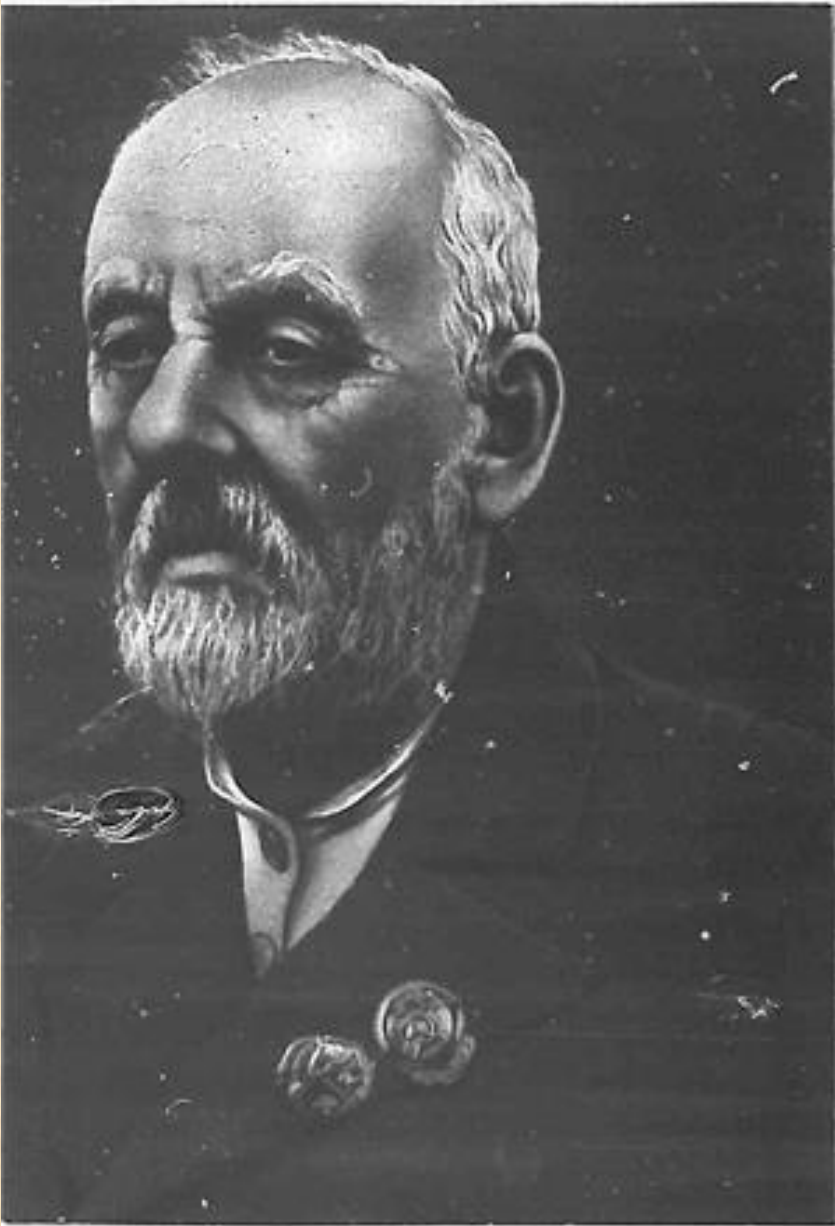
1878  
1878  
1878  
1878

$\mu = \frac{1}{11} = 0.09$





Prizant 1878. 8 years  
Borospun  
lex



100

(11)

302  
418  
25c  
28  
= 1,4

$\phi_{12} \%$

Результат

1878/1879  
1878/1879  
1878/1879

$\mu = \frac{1}{11} = 0.09$

(11)



**Photographs of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #135









**Photographs of Konstantin Tsiolkovsky having a bicycle  
ride in the country**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #136





Present 1878. 8 years  
Bicycle



302  
418  
25c  
28  
= 1,4

July  
1878

1  
40

1878  
1878

1878

1878  
1878

1878



**A portrait photograph of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #137





**A photograph of Konstantin Tsiolkovsky taking a siesta**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #138





**A photograph of Konstantin Tsiolkovsky  
with an inscription to Alexander Chizhevsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #138a





Text of the inscription:

***in Russian:***

Посылаю многоуважаемому Александру Леонидовичу Чижевскому свою фотографию в 75-летнем возрасте. 1934 год. 3 июля. Калуга, улица Циолковского, дом 1.  
К. Циолковский.

***in English:***

To highly respected Alexander Leonidovich Chizhevsky, I am sending my photograph at the age of 75. 1934. July 3. Kaluga town, Tsiolkovsky Street, house 1. K. Tsiolkovsky.

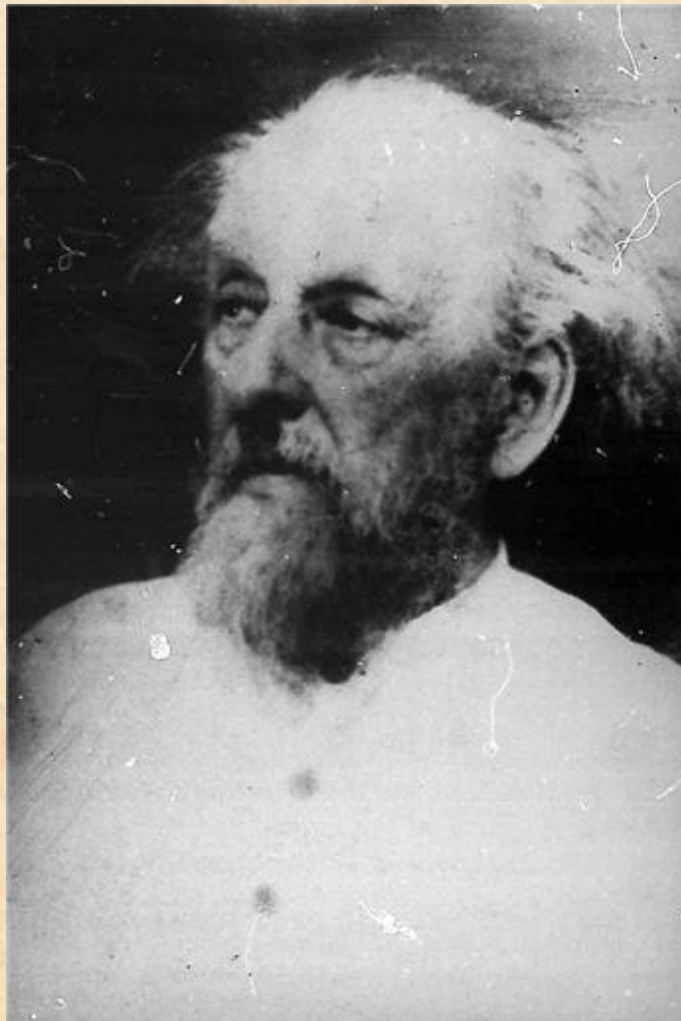
**Alexander Chizhevsky** (also Aleksandr Leonidovich Tchijevsky) (1897 – 1964) was a Soviet-era interdisciplinary scientist, a biophysicist who founded "heliobiology" (study of the sun's effect on biology) and "aero-ionization" (study of effect of ionization of air on biological entities). He also was noted for his work in "cosmo-biology", biological rhythms and hematology. He may be most notable for his use of historical research (historiometry) techniques to link the 11-year solar cycle, Earth's climate and the mass activity of peoples.

(Source: [en.wikipedia.org](http://en.wikipedia.org))



## Photographs of Konstantin Tsiolkovsky

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #139





**A photograph of Konstantin Tsiolkovsky in a hospital,  
after a surgical operation.**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #140





**A photograph of Konstantin Tsiolkovsky among teachers  
of Kaluga diocesan girls' school.**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #141





## Konstantin Tsiolkovsky and Vasily Assonov in the backyard of Tsiolkovsky's house

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #142



**Vasily Ivanovich Assonov** (1843—1918, Kaluga) - a science writer, Kaluga local historian, writer, translator and a good friend of Konstantin Tsiolkovsky.



**Tsiolkovsky's family photographs**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #143





Present 1878. 8 years  
Marriage



Marriage





Przem 1878. 8 years  
Borupen  
Lena



302  
418  
25c  
28  
= 1,4

July  
1878

= 1

Przem 1878

Przem 1878  
Borupen  
Lena

$11 \frac{1}{2} = \frac{1}{11} = 2$







Present 1878. 8 years  
Marriage

302  
418  
25c  
28  
= 1,4

8-21-1878

1878  
1878  
1878

1878





Present 1878. 8 years  
Bourgeois



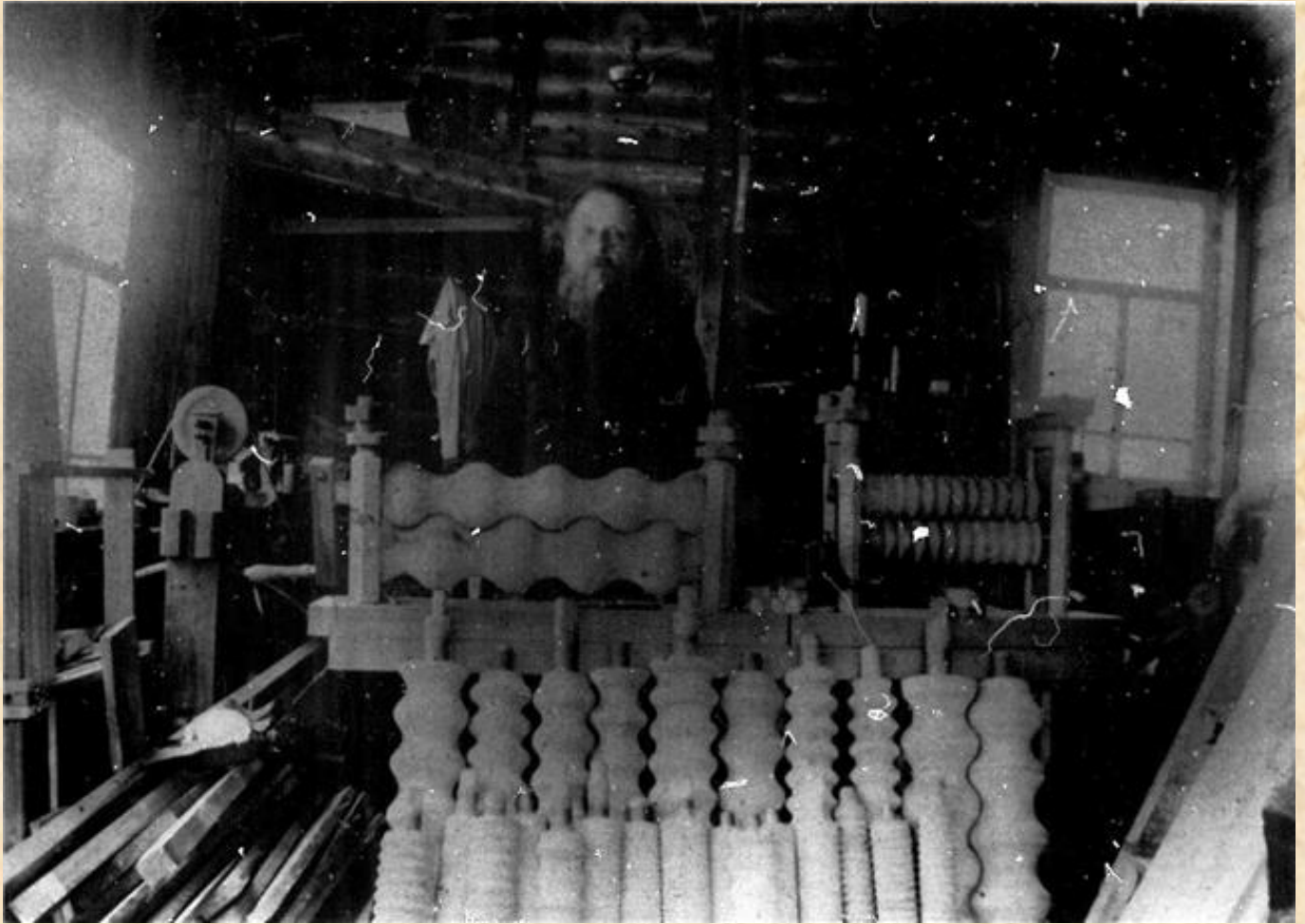
302  
418  
25c  
28  
= 1,4

Handwritten notes and diagrams at the bottom of the page, including a circular diagram on the left and various scribbles and lines on the right.



**A photograph of Konstantin Tsiolkovsky  
with tools used for goffering hulls of airships**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #144





**A photograph of Konstantin Tsiolkovsky with his  
grandson V. Kostin in the garden**

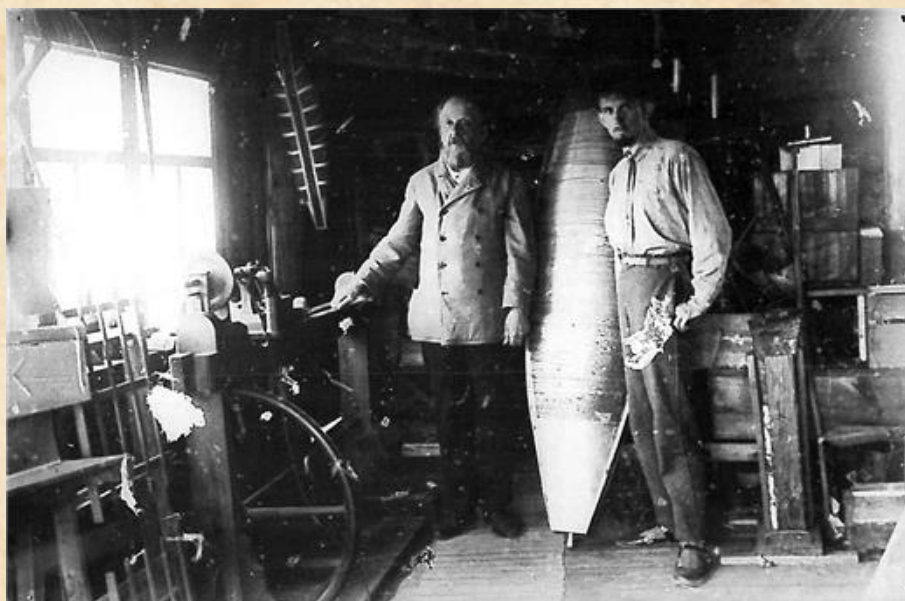
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #145





**Photographs of Konstantin Tsiolkovsky taken during a meeting with journalists and young aeromodellers**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #146







Przem 1878. 8. 11. 1878  
Przemyslany

302  
0.187  
25c.  
28  
= 1.4

Przemyslany

Przemyslany  
1878. 8. 11. 1878  
Przemyslany

$$m = \frac{1}{11} = 0.0909$$





**Konstantin Tsiolkovsky among children in his backyard**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #147





**A photograph of Konstantin Tsiolkovsky taken during his speech at a ceremonial meeting devoted to his anniversary and with a journalist from newspaper "Communa" B.A. Monastyrév**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #148





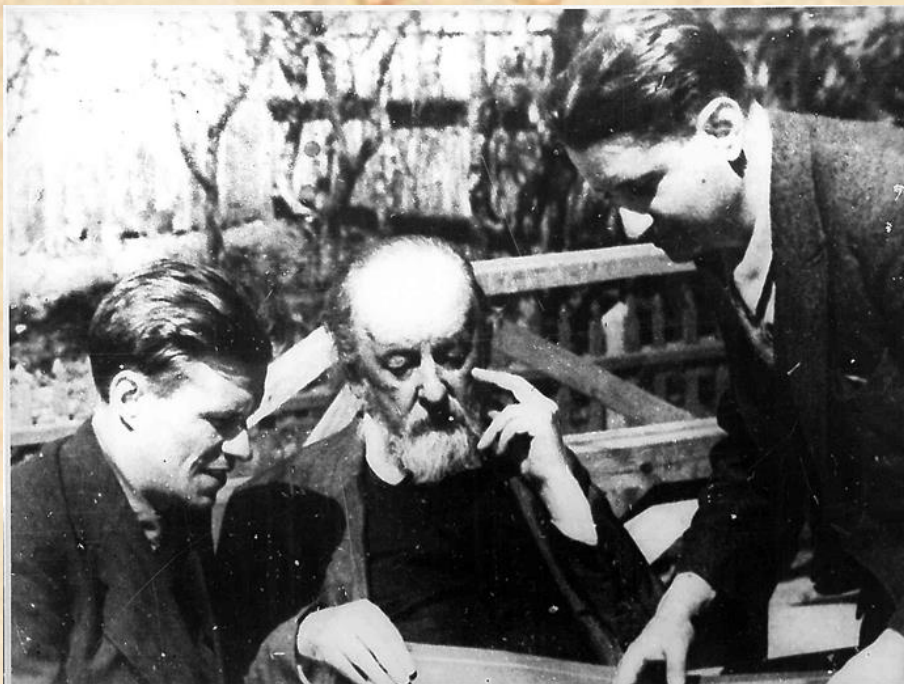
**Photographs of Konstantin Tsiolkovsky taken during his meetings with filmmakers, collective farmers, in the community center "Red Army House", and among active members of Kaluga Society for Promoting Knowledge called "Znanie" (Knowledge)**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #149





Present 1878. 8 years  
transferred



302  
418  
25c  
28  
= 1,4

Page  
1/2

= 1

8-21-1919

11/18/1919  
11/18/1919

$11 \frac{1}{2} = 28$





Present 1878. 8 years  
Bourgeois  
L...



302  
418  
25c  
28  
= 1,4

Page  
1  
1878

= 1

8-21-1878

1878  
1878  
1878

1878





**A photograph of Konstantin Tsiolkovsky among actors  
and other staff members of Kaluga Theatre**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #150





**A photograph of Konstantin Tsiolkovsky and Mikhail  
Tikhonravov**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #151



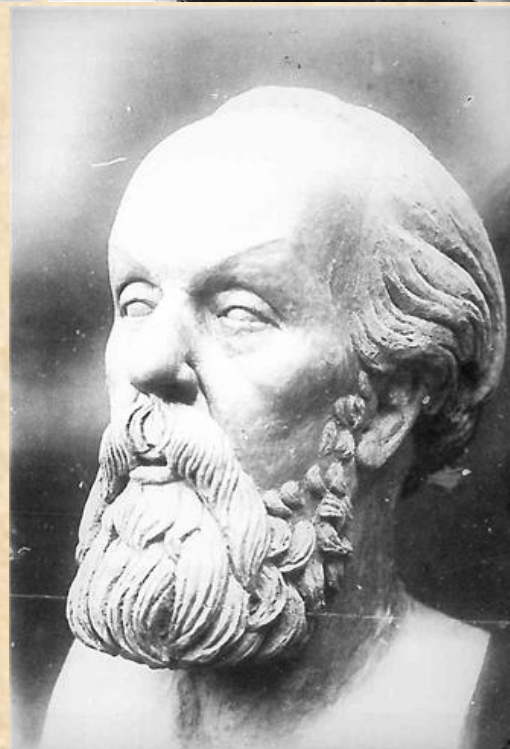
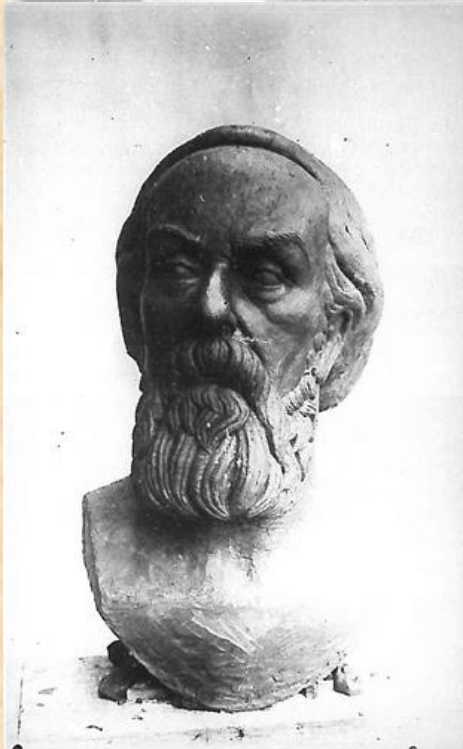
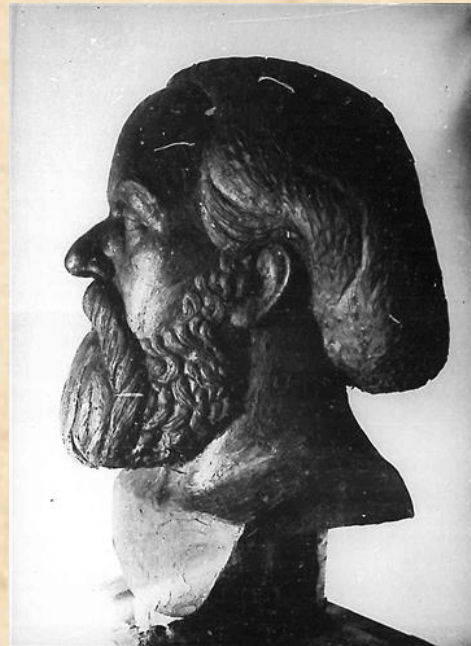
*Michael Klavdievich Tikhonravov (1900 - 1974) - a Soviet engineer, designer of space systems and missilery.*



**Portrait busts of K.E. Tsiolkovsky created by sculptors**

**S.D. Merkulov and A.N. Rebrov**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #152











Prigodni 1878. 8. 11. 1878.  
Prigodni 1878. 8. 11. 1878.

302  
0,187  
25c.  
28  
= 1,4

Prigodni 1878. 8. 11. 1878.

1=1

Prigodni 1878. 8. 11. 1878.  
Prigodni 1878. 8. 11. 1878.

$$m = \frac{1}{11} = 0,0909$$





**Photograph of a portrait of Konstantin Tsiolkovsky  
created by Kaluga artist Lyubimov**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #153





**Photographs taken at Konstantin Tsiolkovsky's funeral**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #155





Present 1878. 8 years  
Monop...



302  
418  
25c  
28  
= 1.4



8-21-1878

...  
...  
... 1878 ...

...  
...  
... = 1.4 ...











Present 1878. 8 years  
Monop...

302  
418  
25c  
28  
= 1,4

8-21-1878

1878  
1878  
1878

$11 \frac{1}{2} = \frac{1}{11} = 8$





**A permanent exhibition devoted to Tsiolkovsky in  
Kaluga Historical Museum**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #156

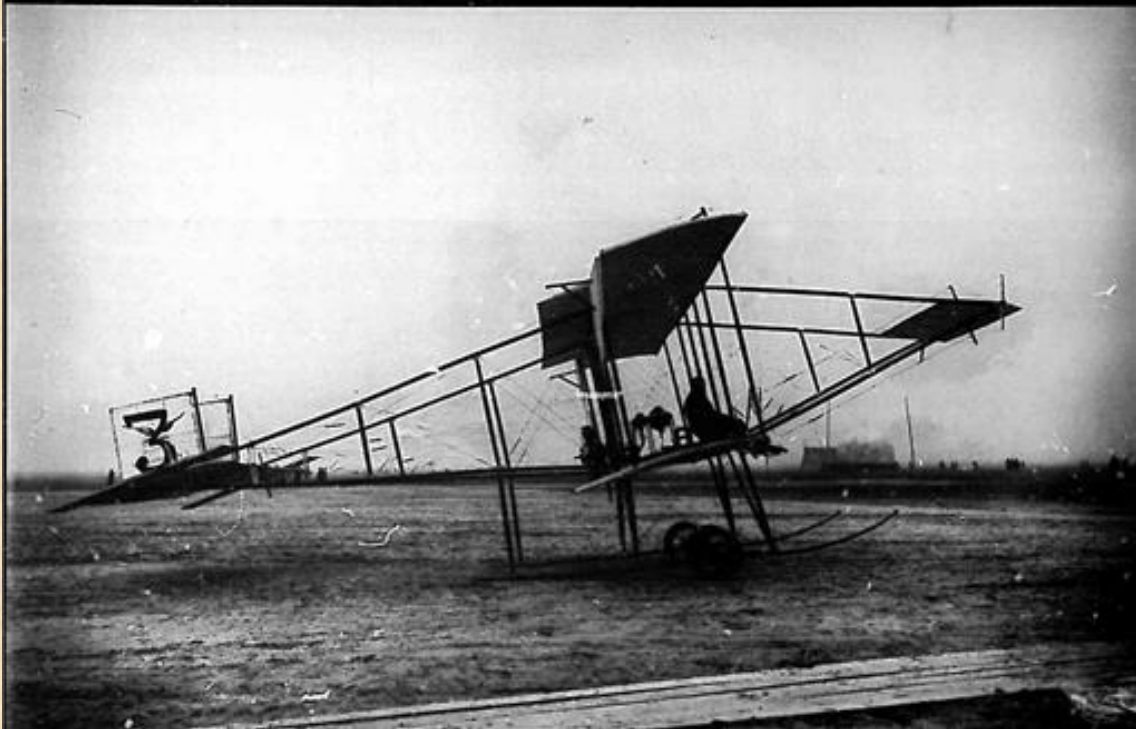




**A photograph of a model of Tsyolkovsky's hydro  
aeroplane "flying wing"**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #157

МОДЕЛЬ ГИДРОСАМОЛЕТА "ЛЕТАЮЩЕЕ КРЫЛО".



*Text of the caption: a model of a hydro aeroplane "flying wing"*



**Photographs of a poster of Kaluga society of inventors,  
the head of which Tsiolkovsky was, and photos from an  
exhibition dedicated to Tsiolkovsky**

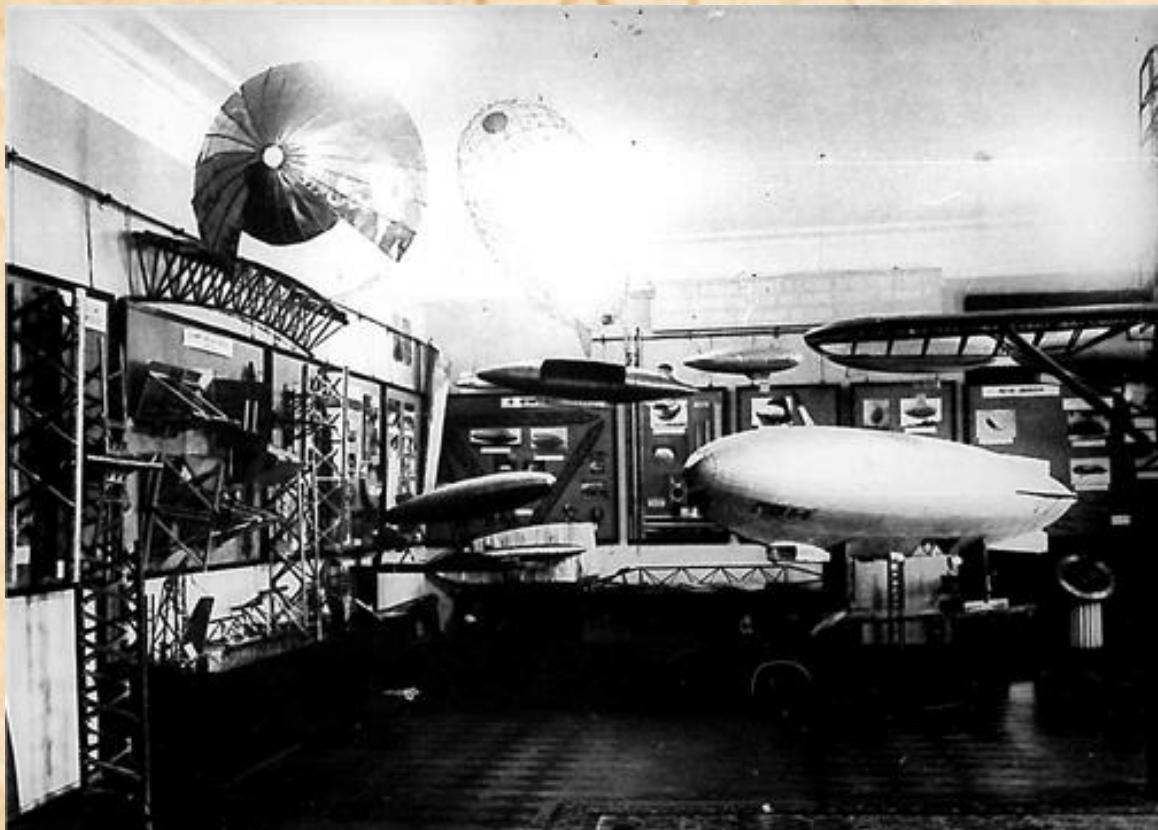
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #157





Презент 1878. 8 часов  
Проектирование  
Лекция

302  
418  
25c  
28  
= 1,4



Результаты

1878  
1878  
1878

1878





**Науку и Технику в массы**

**БОРЬБА**

**ЗА**

Овладение  
техникой  
есть  
БОРЬБА

**ЗА**

КОМУНИЗМ.

**Теория**

ДАЕТ  
ПРАКТИКАМ СИЛУ  
ОРИЕНТИРОВКИ.  
**ЯСНОСТЬ**

ПЕРСПЕКТИВ.  
**Уверянность**

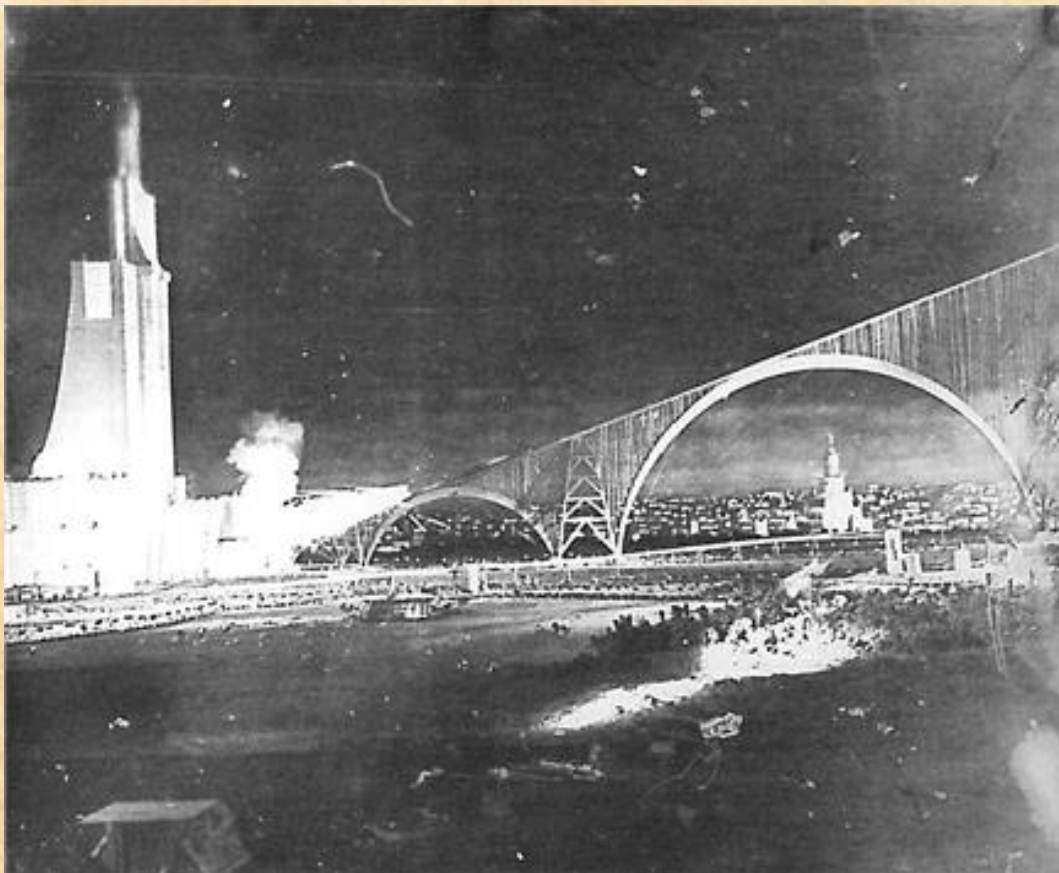
В РАБОТЕ.  
**ВЕРУ**

В ПОБЕДУ  
НАШЕГО  
ПЛАНА



**Film photographs from a science fiction film "The Space Voyage", where Konstantin Tsiolkovsky was a co-author of the script**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #157a



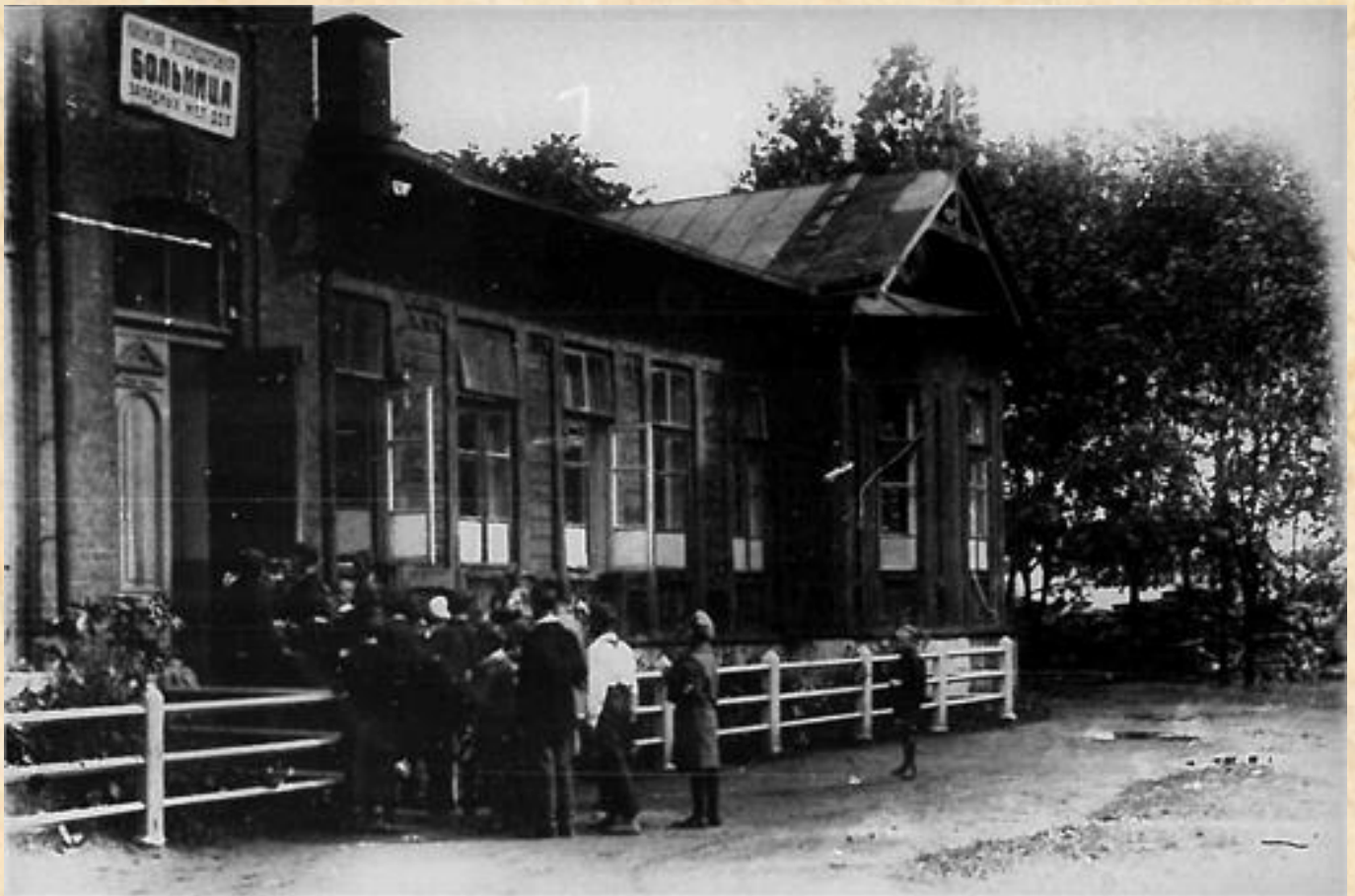






**Students from the school named after Tsiolkovsky,  
visiting the scientist at the hospital on his birthday, on  
September 18, 1935.**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #158





**Photographs of the house in Ryazan, where Tsiolkovsky  
family lived**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #158a





**The house in Kaluga, presented to K. E. Tsiolkovsky by  
Kaluga city council**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #159





1878. 8 years  
Borovskoye



302  
187  
5c.  
28  
= 1/4  
Lige  
ve

Результаты  
1878  
1879  
1880  
1881  
1882  
1883  
1884  
1885  
1886  
1887  
1888  
1889  
1890  
1891  
1892  
1893  
1894  
1895  
1896  
1897  
1898  
1899  
1900



**The secondary school named after Tsiolkovsky, where he taught physics and mathematics for 19 years. A permanent exhibition devoted to Tsiolkovsky in this school.**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #160





Результат 1878г. 8 классов  
Воспитанники



302  
418  
25c  
28  
= 1,4



г. КАЛУГА. Част. Рем. учил. Шамагонова

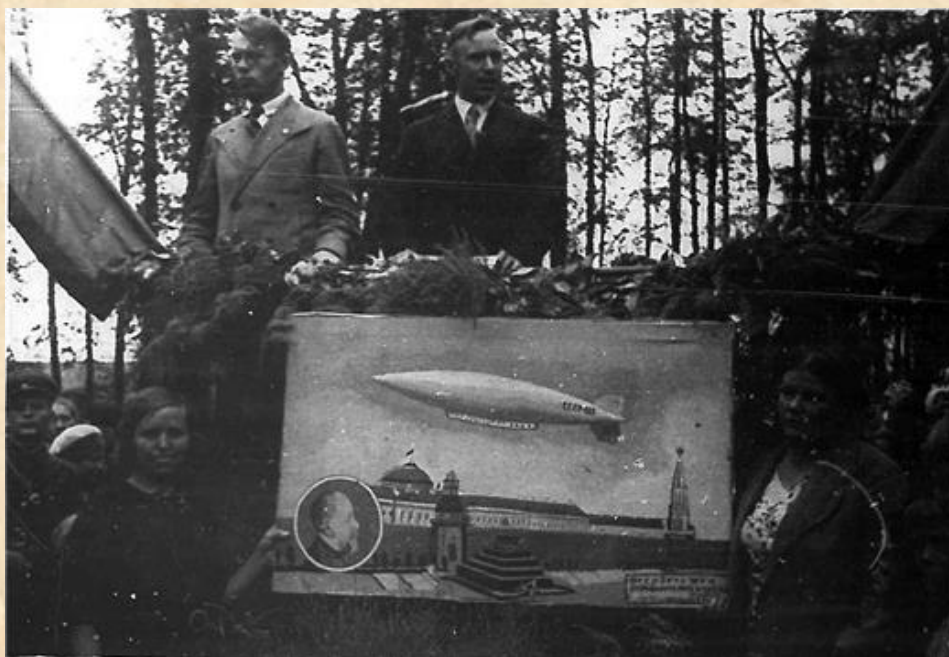
Результат

1878  
1879  
1880  
1881  
1882  
1883  
1884  
1885  
1886  
1887  
1888  
1889  
1890  
1891  
1892  
1893  
1894  
1895  
1896  
1897  
1898  
1899  
1900



**Photographs taken at meetings dedicated to the  
memory of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #161

















**The monument to Konstantin Tsiolkovsky in Suburban  
Garden (now Tsiolkovsky Park) in Kaluga. Created by  
architect B.G. Dmitriev**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #162

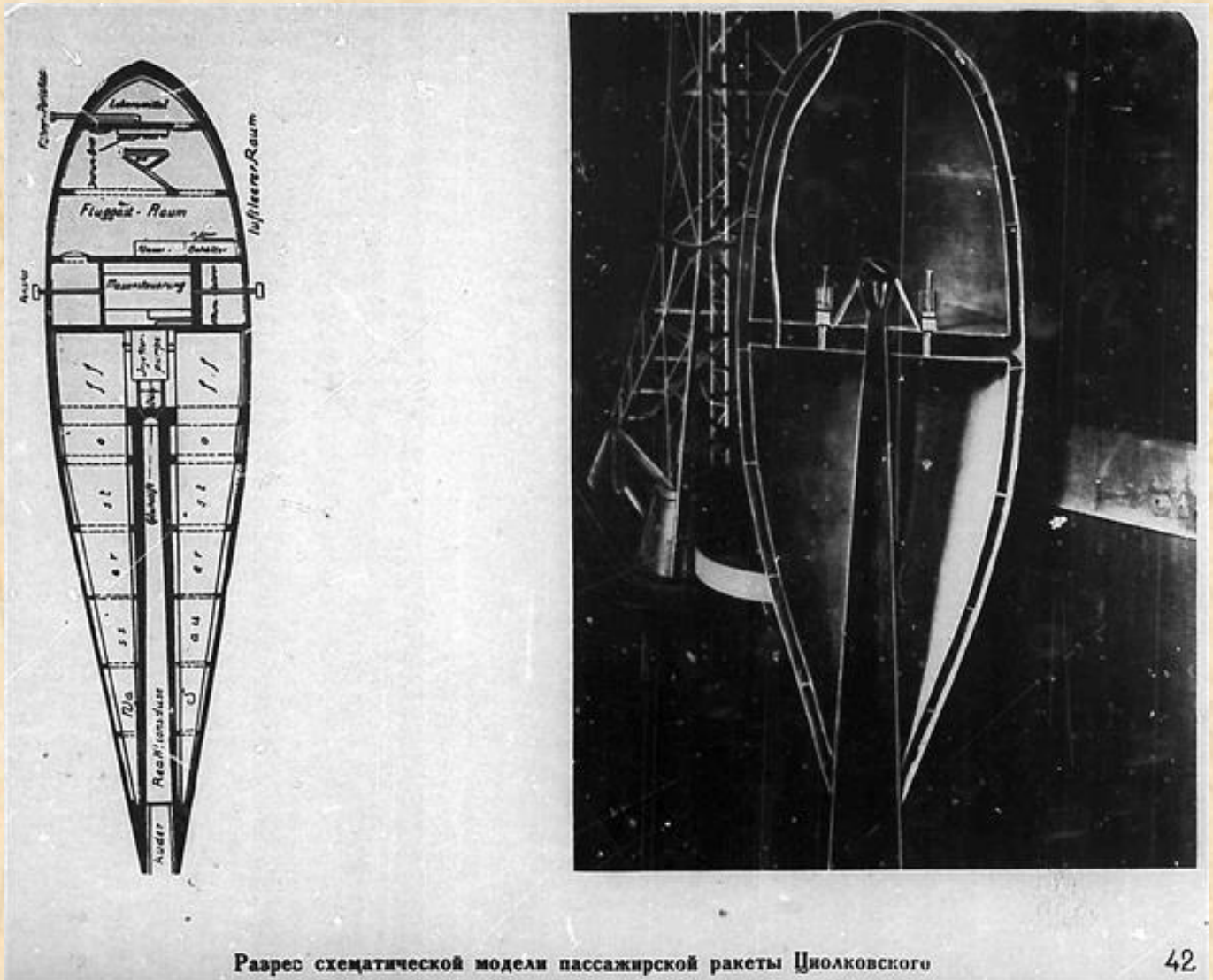




## Photo posters depicting Tsiolkovsky's inventions

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #163

**A model of a passenger rocket designed by Konstantin Tsiolkovsky:**



*Text of the caption: Cross-section view of a Tsiolkovsky's passenger rocket model*



**A 12-metre model of an airship:**

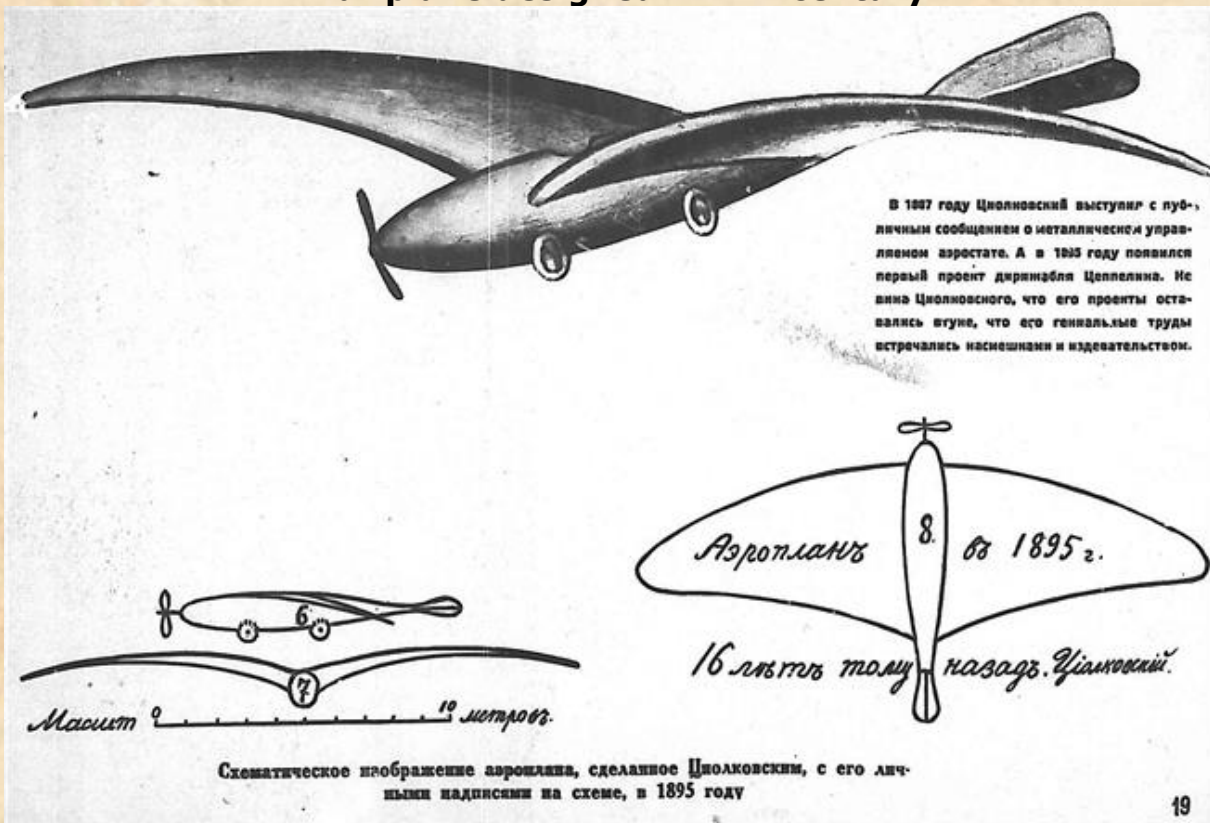


Text of the caption:

**Right:** the shell of a 12-meter model of Tsiolkovsky's airship in the process of assembly

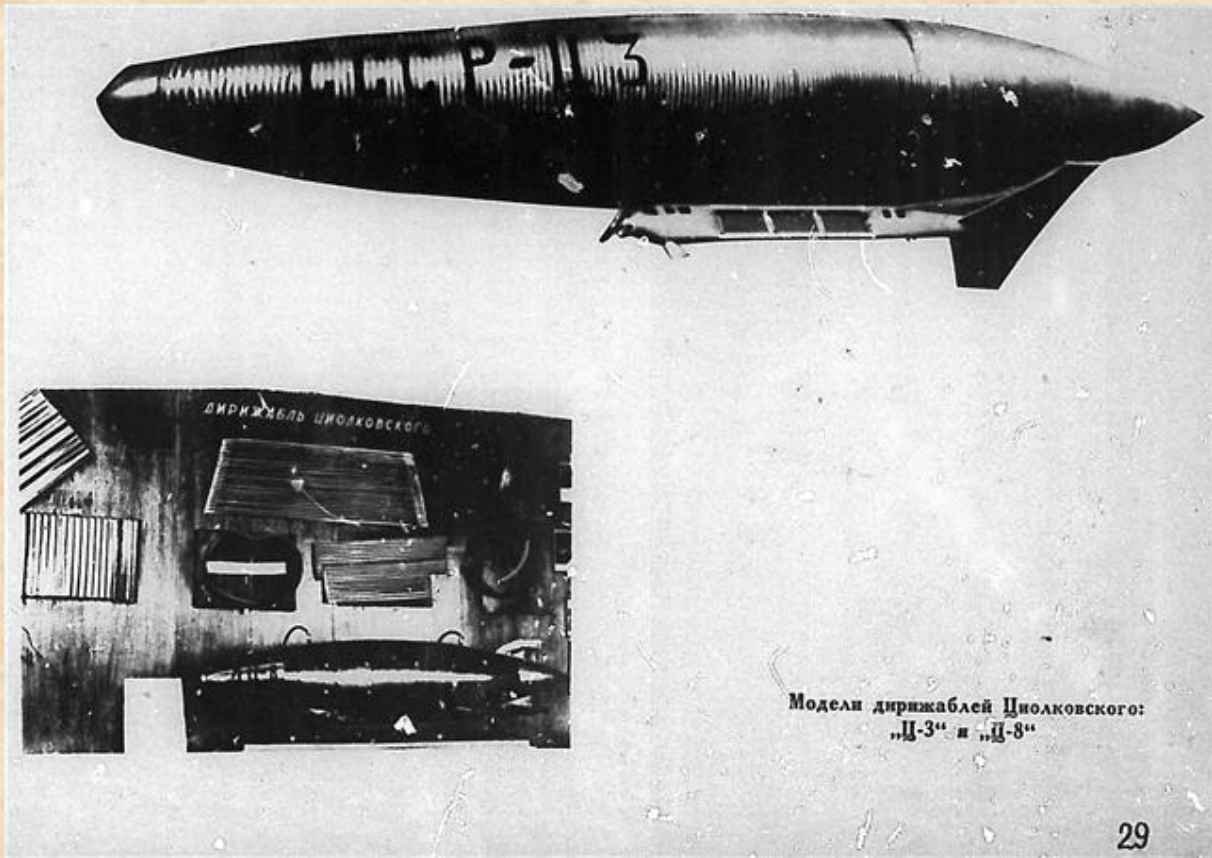
**Left:** process of assembling Tsiolkovsky's 12-meter model

**An airplane designed in XIX century:**





**Models of Tsiolkovsky's airships Ц -3 and Ц -8**



*Text of the caption: Models of Tsiolkovsky's airships: Ц -3 and Ц -8*



## Tsiolkovsky at the festive occasion in honor of his 75<sup>th</sup> anniversary



В день 75-летия Константина Эдуардовича в Калуге происходит научно-юбилейное заседание. Более тысячи человек приветствуют знаменитого ученого, постановляют просить Правительство наградить юбиляра. Циолковский отвечает на приветствия...

15

Text of the caption:

**Russian:** В день 75-летия Константина Эдуардовича Циолковского в Калуге проходит научно-юбилейное заседание. Более тысячи человек приветствуют великого ученого, постановляют просить Правительство наградить юбиляра. Циолковский отвечает на приветствия...

**English:** On the day of the 75th anniversary of Konstantin Tsiolkovsky, a scientific anniversary meeting takes place in Kaluga. More than a thousand of people greet the great scientist; they resolve to request the Government to award the hero of the anniversary. Tsiolkovsky answers greetings...



## Photographs taken in Tsiolkovsky's house museum in Kaluga

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #164









## A portrait of K.E. Tsiolkovsky

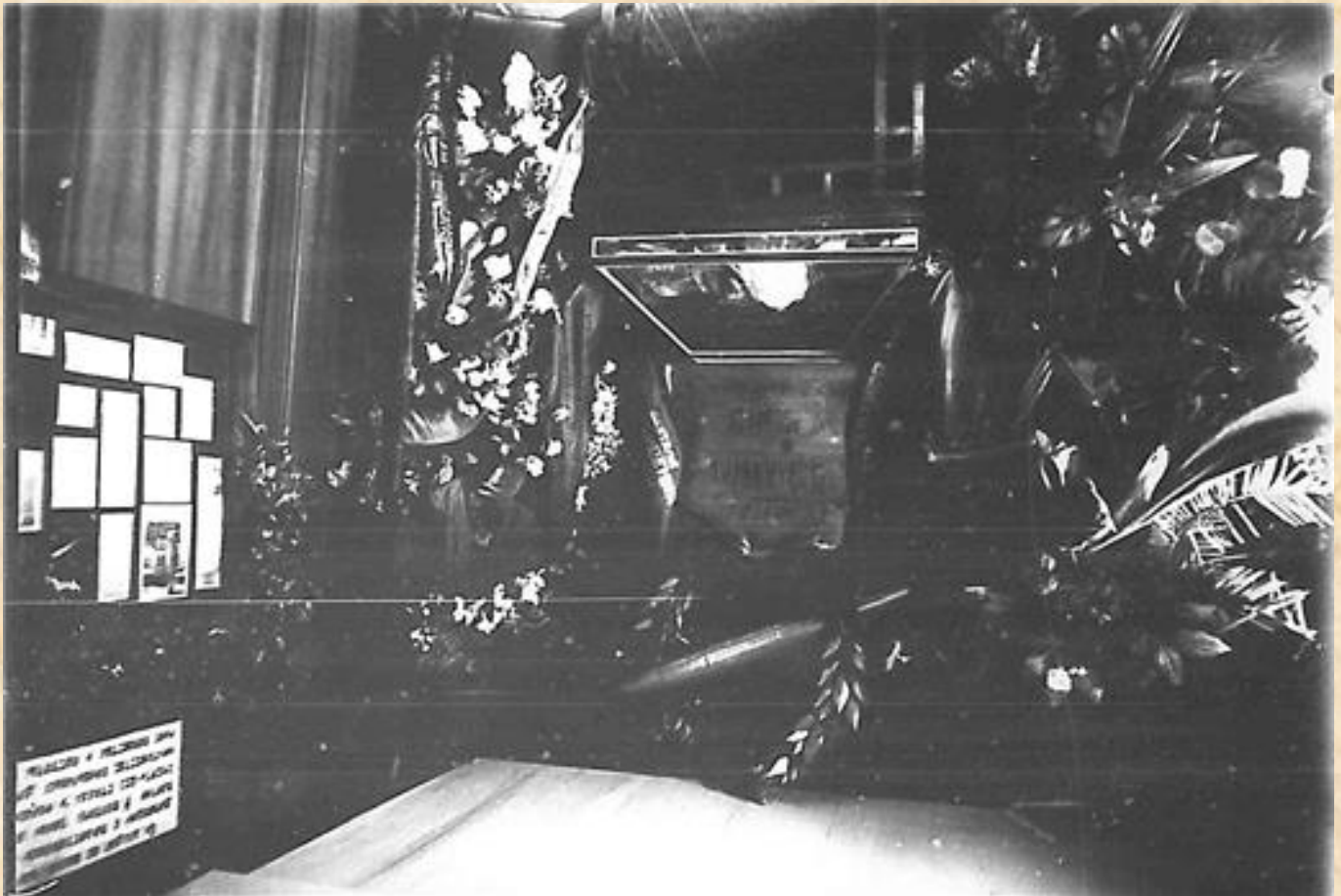
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #165





**A photograph of a mourning room in the house museum  
of K.E. Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #166





**Photographs of the house in Kaluga, where Tsiolkovsky family lived from 1904 to 1933. Views from the house on the Oka River and the area on the other side of the river**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #167





Present 1878. 8 years  
Barnes



302  
418  
25c  
28  
= 1,4



8-21-1878

Present 1878. 8 years  
Barnes  
11 3 = 1/11 = 28  
1878/1878



**The house in Kaluga, where Tsiolkovsky lived from 1892  
to 1893**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #167a





**Photographs of Konstantin Tsiolkovsky's house in  
Kaluga, where he lived from 1893 to 1902**

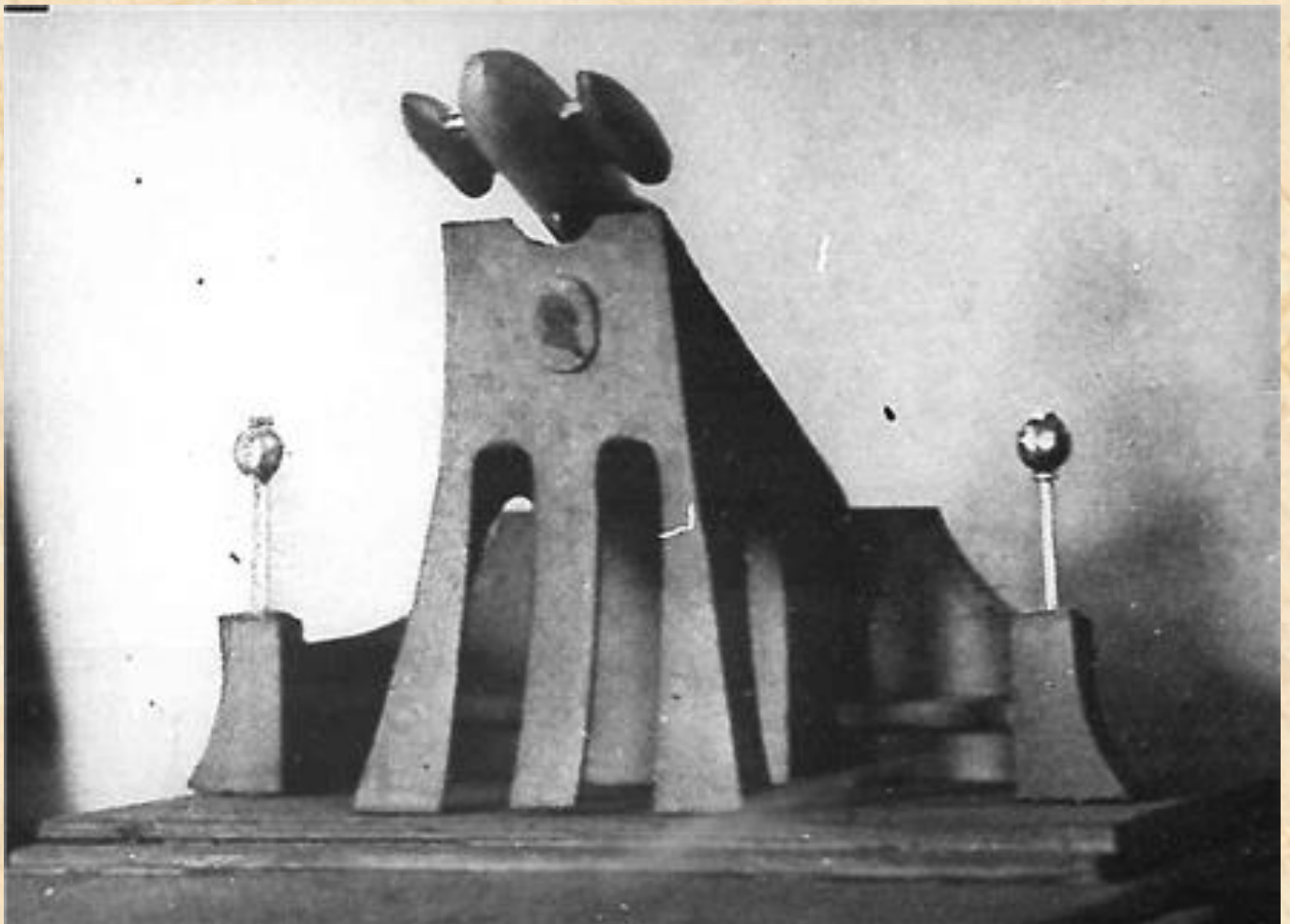
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #1676





**A maquette of a pavilion in the garden near Tsiolkovsky  
Museum in Kaluga, in the shape of a rocket launch  
system**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #168





**Portrait photographs of Eduard Ignatievich Tsiolkovsky,  
father of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #170





**Portrait photographs of Maria Ivanovna Tsiolkovskaya  
(nee Jumasheva), mother of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #171





**A portrait photograph of Dmitry Eduardovich  
Tsiolkovsky, brother of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #172





**A portrait photograph of Maria Konstantinovna  
Tsiolkovskaya, daughter of Konstantin Tsiolkovsky**

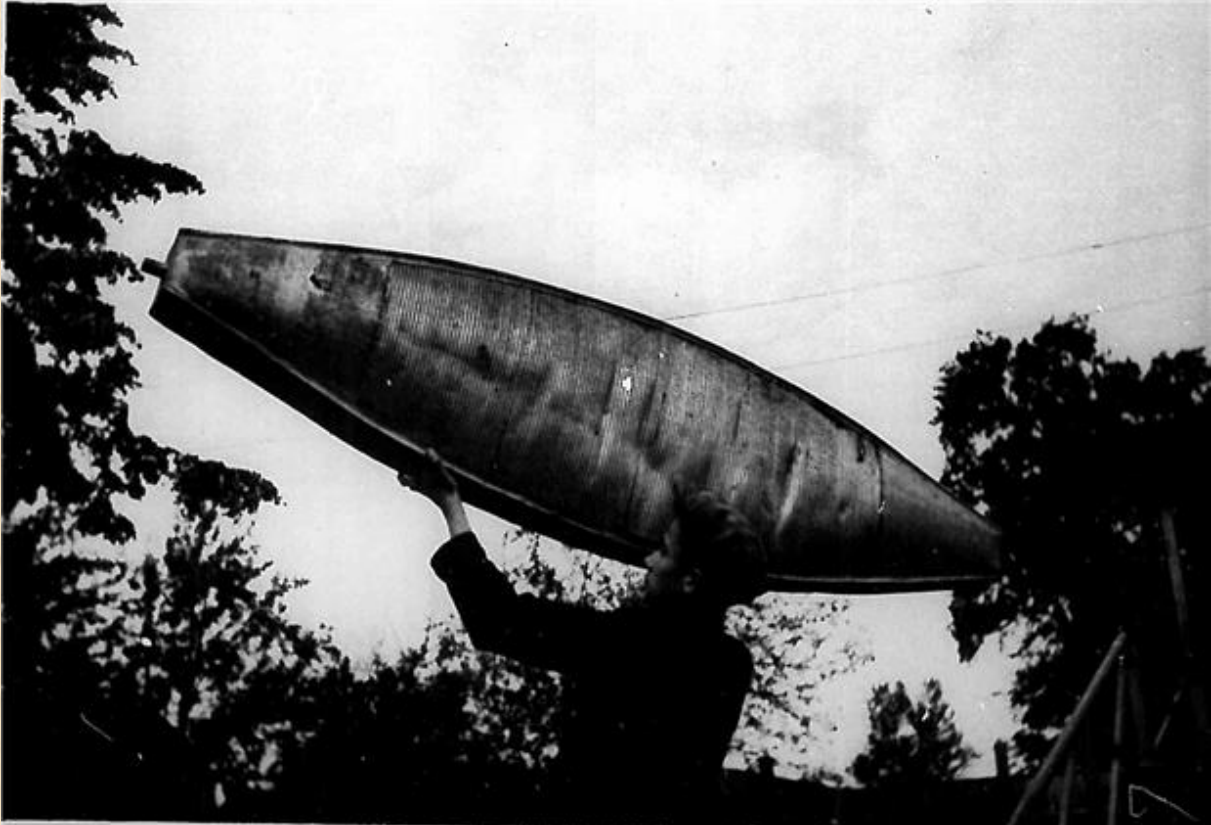
Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #173





**Photographs of Veniamin Kostin, grandson of  
Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #174





Present 1878. 8 years  
Monop...



302  
4187  
25c  
28  
= 1.4

82/10/12/20

1878/11/15  
1878/11/15

$u = \frac{1}{11} = 0.09$





**Photographs of relatives - grandmother, wife, children,  
grandchildren - of Konstantin Tsiolkovsky**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #175







Przem 1878. 8 years  
Borupen  
Lena

302  
418  
25c  
28  
= 14

Przem 1878

Przem 1878  
Borupen  
Lena

Przem 1878

Przem 1878

Przem 1878







**Photographs of friends of Konstantin Tsiolkovsky (V.V. Rjumin, P.V. Belopolsky, V.V. Assonov, et al.)**

Archive of the Russian Academy of Sciences  
Fund #555, Inventory #2, File #176









Present 1878. 8 years  
Morse



302  
4187  
25c  
28  
= 1/4

Page  
1/2

1/2 = 1

8-2-1878

1878  
1/2 = 1/2  
1/2 = 1/2

1/2 = 1/2





Present 1878. 8 years  
Bourgeois



302  
418  
25c  
28  
= 1,4

82/100000

1878  
1878  
1878

$$u = \frac{1}{11} = 0.0909$$





Popular science publication

**Konstantin Eduardovich Tsiolkovsky**  
(Russian: Константин Эдуардович Циолковский)

## “The Cosmic Philosophy”

[www.tsiolkovsky.org](http://www.tsiolkovsky.org)

Head of the Project  
Design, layout, makeup  
Translation, proofreading  
Website, hosting

Mykola Krasnostup  
Tetiana Kolpakova, Eugene Prodayko  
Alexandra Gamanenko  
Sergey Popov

**Everybody is welcome to participate in the Project!**

If you want to support this Project and can do something for it,  
please email us: [mykola.krasnostup@gmail.com](mailto:mykola.krasnostup@gmail.com)