

# MatFyz is In



Faculty of Mathematics, physics and informatics  
Comenius University, Bratislava

$M = 42$

$x \rightarrow \infty$

Q E D

$F = m a$

$1/137$

$E = m c^2$

for(l)

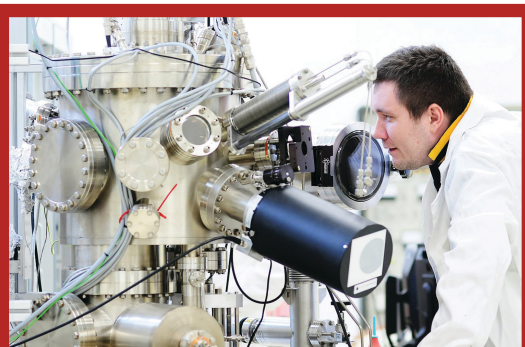
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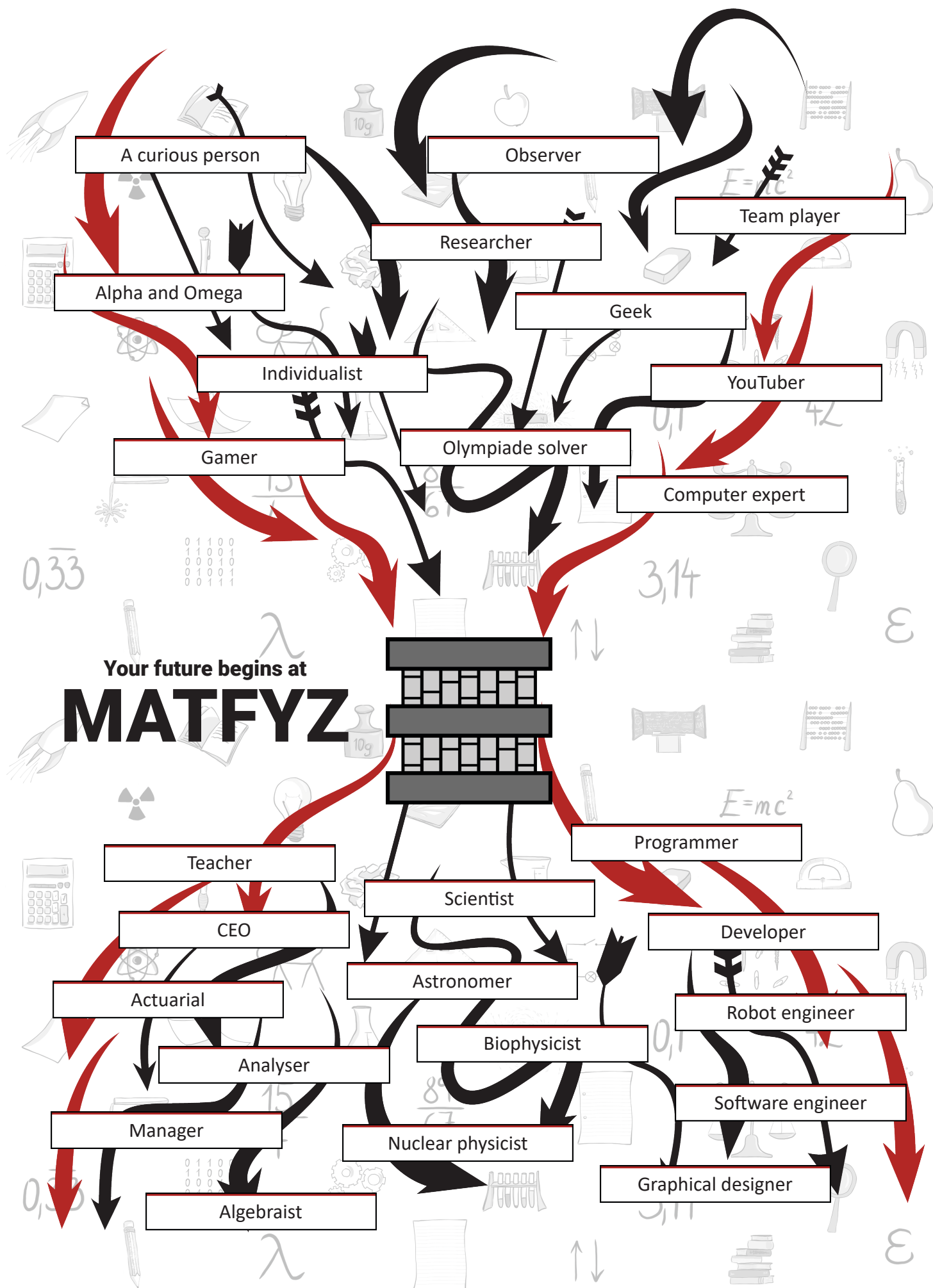
R G B A

A N A L Y S E R  
M A N A G E R  
E C O N O M I S T  
A C T U A R I A L  
D E S I G N E R  
A L G E B R A I S T  
N U M E R I S T

A S T R O N O M E R  
B I O P H Y S I C S  
T H E O R E T I S T  
N U C L E A R P H Y S I C I S T  
M E T E O R O L O G I S T  
O P T I C S  
P H Y S I C S O F T H E E A R T H

D E V E L O P E R  
S T A R T - U P  
P R O G R A M M E R  
R O B O T I C S  
W E B C R E A T O R  
A P P L I E D I N F O R M A T I C S  
I N F O R M A T I C S







prof. RNDr. **Daniel Ševčovič**, DrSc.  
dean of the faculty



## Faculty of Mathematics, physics and informatics Comenius University, Bratislava

*Our faculty prepares distinguished individuals with a broad range of contemporary skills and the ability to adjust to future environment bringing dramatically changing technologies and expectations. We stress individual approach, innovative solutions and creativity.*







**Everyone Is Welcome To Come and Visit**

Popular Scientific Lectures

Visits of Top Laboratories

Discussions with Professors and Students

Actual Research Results Displays

Answers from the Office for Students

**Winter** second Wednesday  
in February

**Summer** second Wednesday  
in June

**Week of science**  
november



***YouTube.com/MatFyzJel***

- *Invited Lectures*
- *Popular Scientific Videos*
- *Research, Graduates*
- *Funny Math Videos*
- *Reports from the Faculty*
- *Lectures*
- *Motivational Videos*
- *Animated Math*



## Library

Libraries and the Publishing Center of FMFI

- Thousands of books
- Study room
- Electronic materials
- Open all week
- Available computers
- Available printers and copiers
- Study materials for students with special needs

**facebook.com/kniznicafmfi**





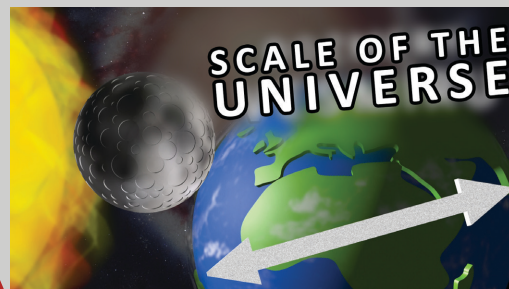
# Unexpected connections

How can one measure the speed of light in a microwave?

A satellite and table tennis Tide and dancers

ABS and wine A mosquito and an elephant

Knowledge is not just a collection of facts - it is a network of understanding. Everything we know is interconnected, mutually complements and supports. It is in these connections we find the biggest learning enjoyment. Some connections are simple, some are less straightforward, some are even unexpected. All of them are fascinating and form a picture of the world as a magical place.

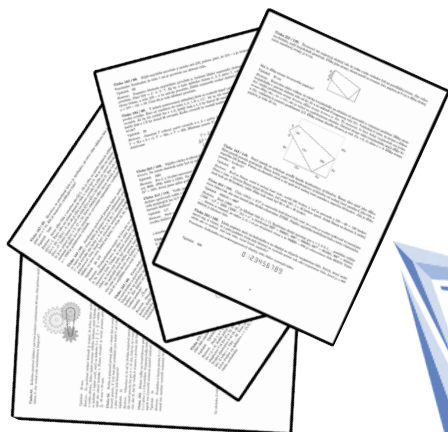


How to visualize scale of the universe?  
How long would it take to ride  
with car to the moon or sun?

[bit.ly/ToAkoPreco](http://bit.ly/ToAkoPreco)



Juro Tekel prepares for you short popularizing scientific videos full of actual experiments and instructional animation. Watch at [www.necakanesuvislosti.matfyzjein.sk](http://www.necakanesuvislosti.matfyzjein.sk)



## Correspondence Seminars

Problem sets sent to schools, solved and submitted by the students and the best of them invited to summer schools.



# Trojsten

Activities for Highschoolers



## Bullet

Team competitions,  
clocked problem  
solution



## Summer schools

Spending a week in a beautiful environment, listening to interesting lectures, cryptography at night, games



## TriHedron Academy

Invited Lectures of Important Teachers and Scientists

[www.trojsten.sk](http://www.trojsten.sk)

## MATFYZJOBS:

### Add experience to your studies

Our faculty facebook regularly posts job offers for our students and graduates, together with links to various interesting events and presentations.

[www.facebook.com/matfyzjobs](http://www.facebook.com/matfyzjobs)





# Study programs

## Bachelor

## Master

|                   |  |  |
|-------------------|--|--|
| Mathematics       | Mathematics  | Mathematics  |
|                   |  | Computer graphics and geometry   |
|                   | Actuarial Science                                  | Probability and Statistics   |
|                   | Economical and financial Math                      | Economical and financial Math and modeling                                   |
|                   | Mathematics for Managers                           | Mathematics for Managers   |
| Physics           | Physics  | Astronomy and Astrophysics   |
|                   |  | Biophysics and Chemical Physics  |
|                   |  | Plasma Physics   |
|                   |  | Physics of Solid Matter  |
|                   |  | Nuclear and Subnuclear Physics   |
|                   |  | Optics, lasers and optical spectroscopy                                      |
|                   |  | Theoretical Physics  |
|                   |  | Physics of the Earth   |
|                   | Renewable Energy Sources and Environmental Physics | Environmental Physics, renewable energy sources, Meteorology and Climatology |
|                   | Biomedical Physics                                 | Biomedical Physics   |
|                   | Technical Physics                                  | Technical Physics (from 2022/2023)   |
| Computer Science  | Informatics  | Informatics  |
|                   | Bioinformatics                                     |  |
|                   | Data Science                                       | Data Science (from 2023/2024)  |
|                   | Applied informatics                                | Applied informatics  |
|                   |  | Cognitive Science  |
| Teacher Education | Math Teacher combination                           | Math Teacher combination   |
|                   | Teacher of Descriptive Geometry combination        | Teacher of Descriptive Geometry combination                                  |
|                   | Physics Teacher combination                        | Physics Teacher combination  |
|                   | Informatics Teacher combination                    | Informatics Teacher combination  |
|                   | Additional pedagogical study                       |  |



## Office of Students:

Even the Office of Students has its own Facebook page. All the useful information regarding studies, enrollment, registration, etc., can be found on Facebook.

[www.facebook.com/fmphstudijne](https://www.facebook.com/fmphstudijne)





# **Why should one stay in Slovakia and study here?**

**Because foreign studies come to MatFyz to meet you.**

**A wide room  
for innovation**

**World class education  
for the Slovakian prices**

**We teach material that is not  
even included in the textbooks**

**Many foreign scientists find  
there second home here**

**Moms are close and  
friends even closer**

**Travel costs nothing**

**A great selection  
of study subjects**

**Specialized  
laboratories**

**Unmistakable  
sense of humor**

**Creativity**

**Excellent job opportunities  
at home and abroad**

**Individual approach and  
above-the-average contact  
with teachers and fellow students**



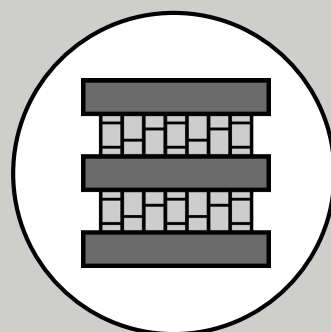




## MATFYZ is IN: follow su on Facebook!

Up-to-date information and announcements, interesting lectures and videos, pictures from recent events, activities for MatFyz students, faculty announcements, schedule changes, lost and found ...

**[www.facebook.com/matfyzjein](http://www.facebook.com/matfyzjein)**



# How can you spend your free time?

 **MATFYZjeIN**  
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