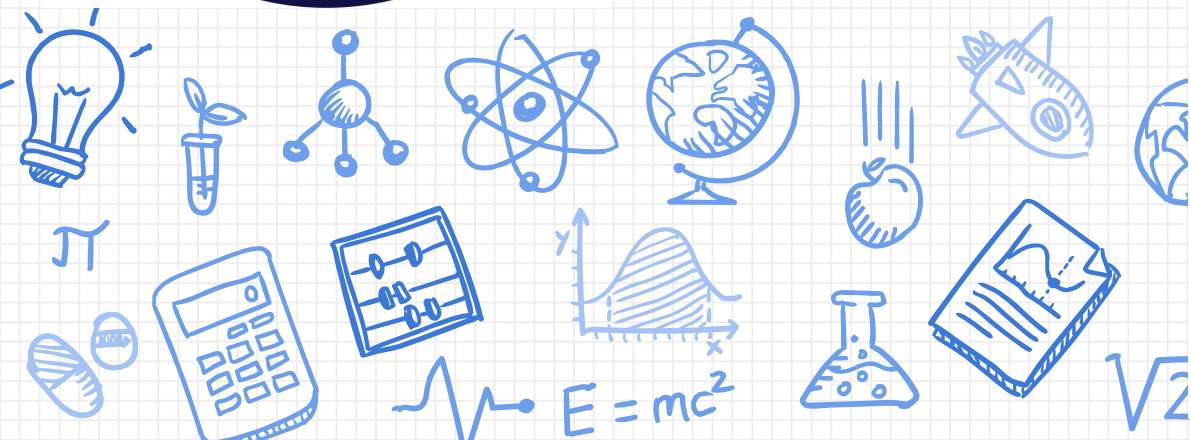




# FACULTY OF APPLIED MATHEMATICS AND MECHANICS

by students ITSI-19-1m  
**Sai Daria,  
Nekrasova Ekaterina,  
Romanov Nikita,  
Konshin Nikolai,  
Yarushin Aleksandr**



# Introduction

---

At the beginning, the faculty was formed to unite nine departments. At the faculty students studies technical disciplines like continuous medium mechanics, tensor analysis, programming languages, optimization methods and other. The average student score for the Unified State Exam is 68,3.



# Faculty history

---

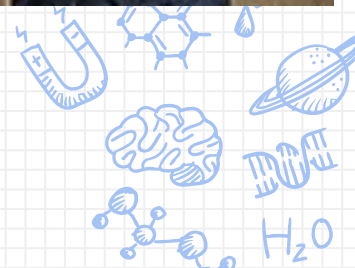
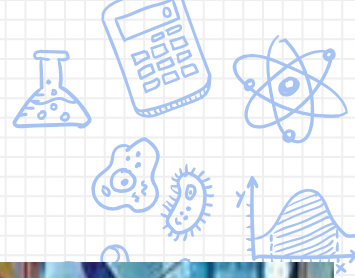
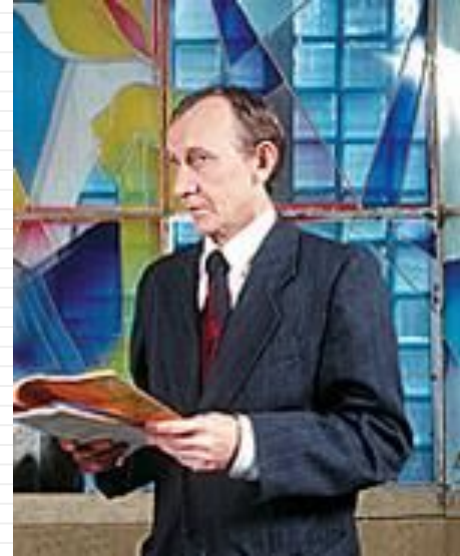
The faculty was founded in 1976 as an association of 9 non-graduating departments called "the faculty of general scientific departments." The first dean of the faculty was docent A.V. Kostrov. From 1978 to 1988, the dean was docent V.G. Beletsky.



# Faculty history

---

In 1988, Trusov P.V. became dean. He carried out the reorganization of the faculty, uniting already 6 departments. In 1990, the faculty opened the specialty "Applied Mathematics and Computer Science" with a specialization in "Mathematical Modeling", in 1992 the department "Mathematical Modeling of Systems and Processes" appeared.



# Faculty history

---

In 1993, Pervadchuk V.P. became dean. He approves the new name of the faculty - "Faculty of Applied Mathematics and Mechanics". The graduating department "Computational Mathematics and Mechanics" appears.



# Faculty history

---

In 1998, A.I. Tsaplin was elected dean of the faculty. The Department of Dynamics and Strength of Machines moves to the FAMM from the aerospace faculty.

In 2009, the Department of General Physics began training in the direction of undergraduate training "Photonics and Optoinformatics.«

From 2015 to 2018, V.U. Stolbov was dean.



# Faculty today

---

Since 2018, I.Y. Zubko is dean. The faculty continues to follow its best traditions in the cultivation of highly qualified specialists. At the same time, Zubko formulated a goal for 2020 – 2024: the transformation of FAMM into one of the best faculties among technical universities in Russia. For this, a lot of activities are planned.



# Faculty today

---

Today, the faculty unites:

- 728 full-time and part-time students;
- 124 scientific and pedagogical workers (16 doctors and 75 candidates of sciences);
- 35 teaching support staff employees;
- 55 postgraduates.





# Faculty departments

---

There are 8 departments:

1. Higher mathematics;
2. Computational mathematics, mechanics and biomechanics;
3. Dynamics and strength of machines;
4. Mathematical modeling of systems and processes;
5. General physics;
6. Applied Mathematics;
7. Applied Physics;
8. Physical and technological problems of oil production.



# Higher mathematics

---

- ✘ Head of Department - Abdullaev Abdula Ramazanovich
- ✘ The department has the discipline "Mathematics" in the curriculum of all specialties at the four faculties of PNRPU:
  - ✘ Aerospace,
  - ✘ Applied Mathematics and Mechanics,
  - ✘ Chemical Engineering,
  - ✘ Electrical Engineering.



# Computational mathematics, mechanics and biomechanics

---

- ✘ Head of Department - Stolbov Valery Yuryevich
- ✘ It is the basic department of PNRPU for teaching disciplines related to information and computing technologies in mathematics, mechanics, engineering and economic applications and others.



# Dynamics and strength of machines

---

- ✘ Head of Department - Matveenko Valery Pavlovich
- ✘ The department trains mechanical engineers and researchers in the field of dynamics and strength of machines



# Mathematical modeling of systems and processes

---

- ✘ Head of Department - Trusov Petr Valentinovich
- ✘ The department provides training for specialists capable of creative analytical activity in the field of mechanics of a deformable solid, physical mesomechanics, computational technologies and control processes.



# General physics

---

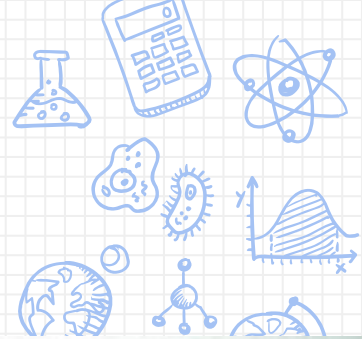
- ✘ Head of Department - Perminov Anatoly Viktorovich
- ✘ A new direction in the preparation of Photonics and Opto-Informatics has been opened at the Department of General Physics.



# Applied Mathematics

---

- ✘ Head of Department - Pervadchuk Vladimir Pavlovich
- ✘ The priority research areas of the PM department include:
  - ✘ optimal management of concentrated and distributed systems in the tasks;
  - ✘ econometric modeling;
  - ✘ problems of deterministic chaos and non-linear analysis methods;
  - ✘ risk theory.



# Applied Physics

---

- ✘ Head of Department - Bratsun Dmitry Anatolyevich
- ✘ The Department of Applied Physics was established in 1981 as a result of the division of the department of General Physics and Solid State





# Physical and technological problems of oil production

---

- ✘ Head of Department - Pesherenko Sergey Nikolaevich
- ✘ The department provides training for masters for enterprises producing oil-producing equipment.



# Students and perspectives

---

FAMM graduates works as engineers, designers, programmers, analysts at the largest enterprises in Perm Krai and the rest of Russia such as Aviadvigatel, Lukoil, Helikon Pro, Rostelecom and other. In addition, many graduates are building their scientific careers in Russian research centers or abroad.



# Conclusion

---

We believe that FAMM is the best faculty at the university: a relatively complex educational program upgrades the brains quite well, and the abundance of the material taught broadens the mind.



# Thanks for your attention!

---

