

3rd EPS Young Minds Leadership Meeting

6-7 June 2014

Bauman Moscow State Technical University



Involve students in
science

Our primary goal



<http://http://www.newsworks.org/index.php/local/onward/65068-can-a-group-of-cheerleaders-get-more-girls-interested-in-stem>

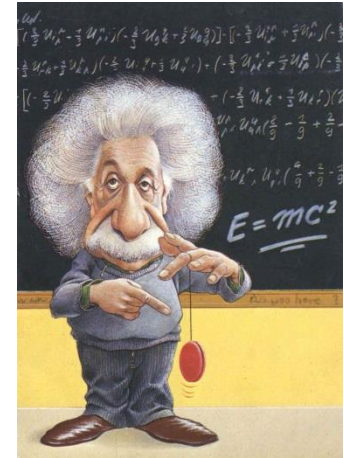
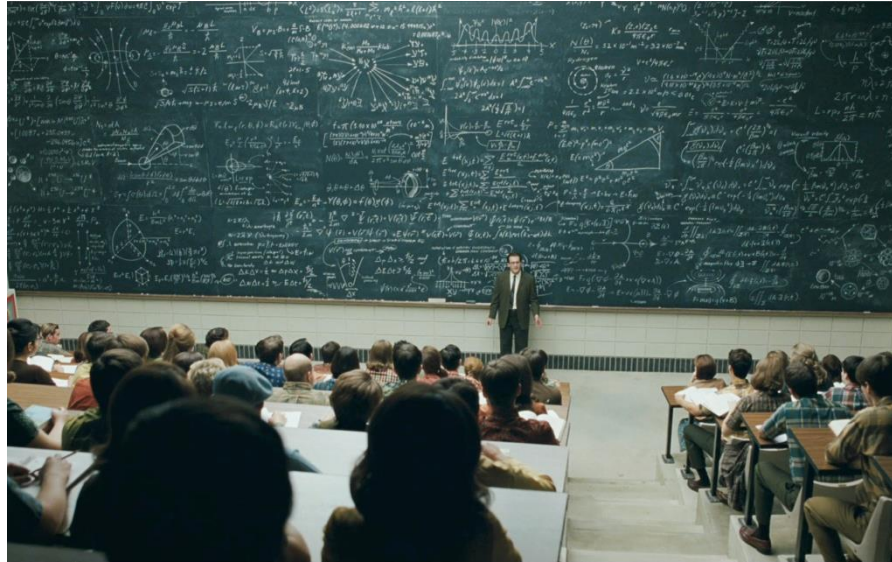
If students have questions:

- ✓ What is science?
- ✓ Is it possible to find a work or position?
- ✓ There are no young people in science, isn't it?
- ✓ Science brings you no money?

WE
should answer

unless...
they will find answers themselves...

✓ Science is too difficult, boring, like our lectures



✓ I will never work here



✓ The mean age of scientists is 65



<http://kpfu.ru/physics/struktura/kafedry/kafedra-teoreticheskoy-fiziki>

Our strategy

Work with bachelors and undergraduate students

- They know physics and math
- There are few of them, who really wants to work in physics

Find first- and second-year students

- They have not enough knowledge
- They are still enthusiastic about science

Transform the desire
of young students
to do something interesting
into professional skills



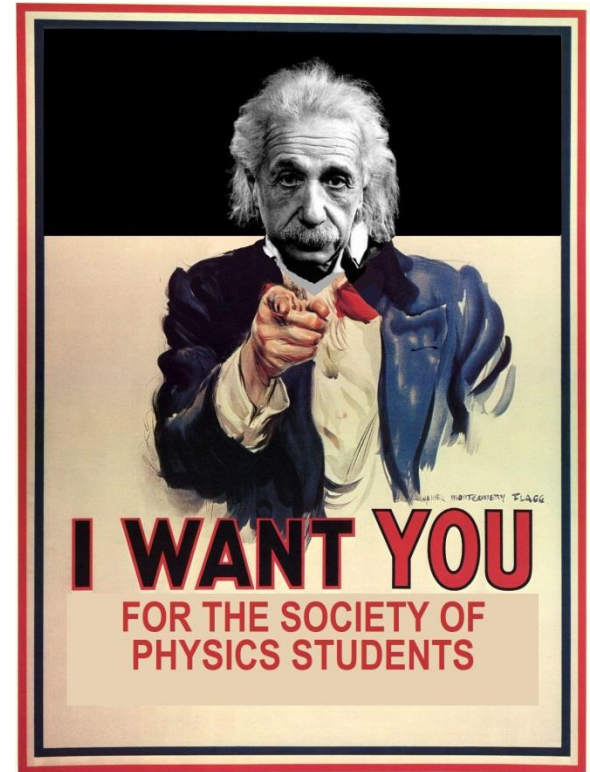
How can we do this?

Find enthusiastic students,
interested in physics, or willing
to try themselves in science

1st rule
Everyone can have a
chance

Nothing *great* was ever achieved
without *enthusiasm*.

~Ralph Waldo Emerson



Pic. from: <http://www.physics.sunysb.edu/Physics/SPS/>



- Organize a meeting for students.
- Invite PhD-students, young professors, master-students.
- Tell about your lab, research project in a simple way.

2st rule
Students trust students



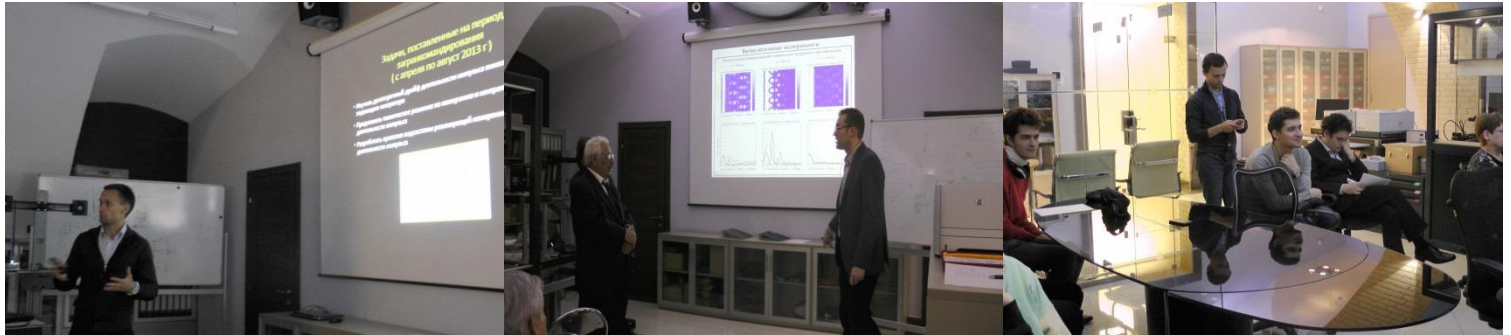
- 5-10 presentation
- Lab-tour (if possible)
- Spend a time after the meeting for answering questions and exchange contacts

3rd rule
Education through
education



Scientific Seminars

25.09.2013



29.10.2013

12.11.2013

15.11.2013

29.11.2013

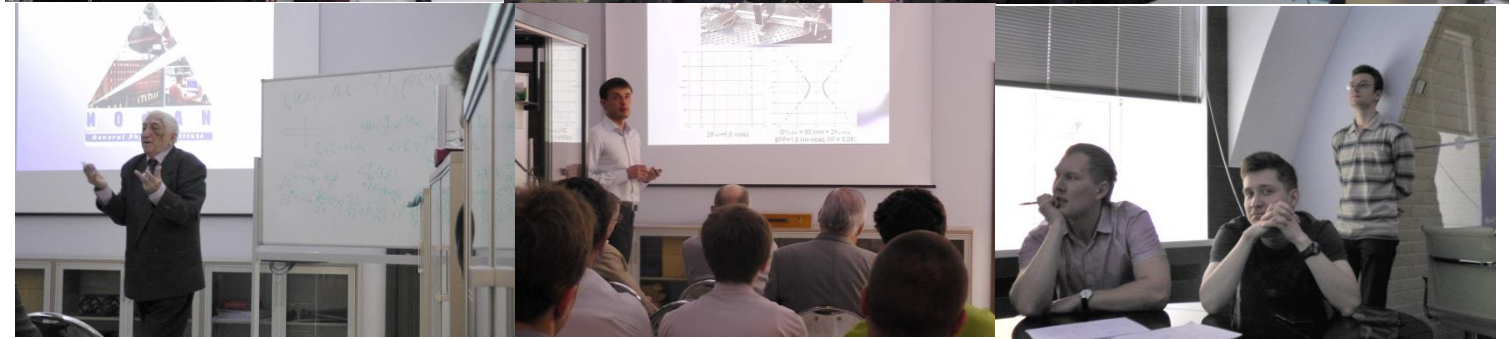
13.12.2013



14.02.2014

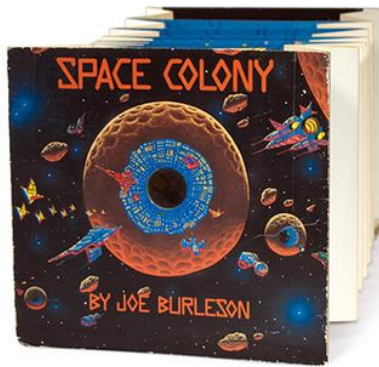
15.04.2014

16.05.2014



SCI-ART! SCIENCE, ART AND ILLUSION

Solyanka VPA Gallery, Moscow

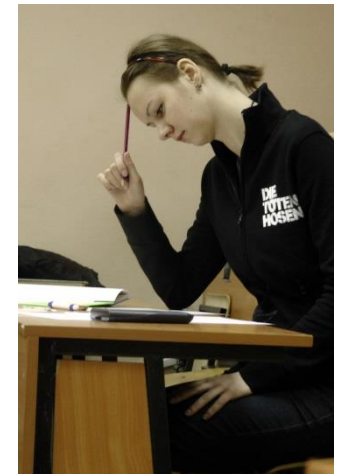


The Second University Competition – 2014

23-24 February



- **What about International Physics Competition ?**
- Make Young Minds Team in your University
- Choose the person for the Jury
- Prepare task (1-2 task by one judge)
- Make the Facebook page
- Make the online competition



Our Children Project – Summer School



What is next?