

Scholar Seminar  
“Interaction of Mathematics and Physics: New Perspectives”  
Moscow, 2012 (August 22-30)

Organizers:

- **Moscow Institute for Electronics and Mathematics**  
at **National Research University HSE**,
- **Steklov Mathematical Institute**

In the Expert Council of the scholar seminar, among others, there are:

- **Sir Michael Atiyah**, Edinburgh University, UK.
- **Sir Michael Berry**, Bristol University, UK.
- **Ludwig Faddeev**, Euler International Mathematical Institute, Russia.
- **Vladimir Fortov**, Joint Institute for High Temperatures, RAS, Russia.
- **Arthur Jaffe**, Harvard University, USA.
- **Alexei Khokhlov**, Lomonosov Moscow State University, Russia.
- **John Klauder**, University of Florida, USA.
- **Valerii Kozlov**, Steklov Mathematical Institute, RAS, Russia.
- **Sir Anthony Leggett** (Nobel Laureate), University of Illinois, U-C, USA.
- **Victor Maslov**, Moscow Institute for Electronics and Mathematics at HSE, Russia.
- **Vladimir Shalaev**, Birck Nanotechnology Center and Purdue University, USA.
- **Shing-Tung Yau**, Harvard University, USA.

The Scholar Seminar will take place at Steklov Mathematical Institute (Gubkina str.,8, Moscow). World-class scientists will give 18-20 lecture mini-courses on actual problems staying at junction of mathematics, physics, computer modeling. Working languages of the Scholar Seminar are: English and Russian.

The Contents of lecture courses, while filled out, is presented at the site:  
<http://pm.miem.edu.ru/Pm/mph-school.htm> .

In the framework of the Scholar Seminar there will also be organized a **satellite section** with short scientific talks (20 min.). Applications for these talks (including long-distance online talks), at general scope of the Scholar Seminar, can be done till **March 30, 2012** following the rules placed at the site <http://pm.miem.edu.ru/Pm/mph-school.htm> .

Electronic address for contacts: [mph-school@miem.edu.ru](mailto:mph-school@miem.edu.ru) .