



# PROGRAM

International Student Conference  
“Science and Progress-2015”  
November, 09-13  
Saint-Petersburg – Peterhof

## November, 09 (Monday)

09.30 – 10.30 Registration (Faculty of Physics, hall of the 1<sup>st</sup> floor)

10.30 – 10.45 Opening Ceremony, aud. B-04

10.50 – 11.50 Lecture I, aud. B-04

**“Electronic structure of topological insulators, Bychkov-Rashba systems, and graphene: comparison, magnetism, and pressure effects”**

Prof. Dr. Evgeny Chulkov, Tomsk State University, Faculty of Physics,  
Centro de Física de Materiales, Donostia-San Sebastián, Spain

12.00 – 13.00 **G – Theoretical, Mathematical and Computational Physics,**  
part I, aud. B-04

13.00 – 14.00 Lunch

14.00 – 15.30 **Oral sections**

**F – Optics and Spectroscopy**, aud. 210

**G – Theoretical, Mathematical and Computational Physics,**  
part II, aud. B-04

**I – Resonance Phenomena in Condensed Matter**, aud. 225

15.30 – 16.00 Coffee-break (hall nearby aud. B-02)

16.00 – 18.00 **Oral sections**

**G – Theoretical, Mathematical and Computational Physics**, part III,  
aud. B-04

**Poster section, 2nd floor hall**

**F – Optics and Spectroscopy,**

**I – Resonance Phenomena in Condensed Matter**

**G – Theoretical, Mathematical and Computational Physics** (after oral  
section)

17.00 – 19.00 FIRST G-RISC’S ALUMNI MEETEING (Student Canteen)

18.00 – 19.00 Dinner

## November, 10 (Tuesday)

**Annual Meeting of G-RISC “Results-2015”,** aud. B-04

10.30 – 10.40 Welcome speeches, Representative SPSU

10.40 – 10.50 Representative DAAD

10.50 – 11.00 Representative Freie University Berlin

11.00 – 11.10 Representative G-RISC Prof. Dr. Eckart Rühl  
11.10 – 11.20 Representative G-RISC Administrative Committee Natalia Kolanovska  
11.20 – 12.20 Presentations by G-RISC's Participants  
12.20 – 13.20 Lunch  
13.20 – 16.00 Excursion to the Konstantinovsky Palace (bus starts from Faculty of Physics)  
18.00 – 19.00 Dinner

### November, 11 (Wednesday)

11.30 – 13.00 **Oral sections**  
A – Chemistry, part I, aud. B-02  
B – Geo- and Astrophysics, aud. 225  
D – Solid States Physics, part I, aud. B-04  
H – Biophysics, aud. 210

13.00 – 14.00 Lunch

14.00 – 15.30 **Oral sections**  
A – Chemistry, part II, aud. B-02  
D – Solid States Physics, part II, aud. B-04  
**Poster sections, 2nd floor hall**  
B – Geo- and Astrophysics  
H – Biophysics

15.30 – 16.00 Coffee-break

16.00 – 18.00 **Poster sections, 2nd floor hall**  
D – Solid States Physics  
A – Chemistry

18.00 – 19.00 Dinner

### November, 12 (Thursday)

11.30 – 13.00 **Oral sections**  
C – Mathematics and Mechanics, part I, aud. 210

13.00 – 14.00 Lunch

14.00 – 15.30 **Oral sections**  
C – Mathematics and Mechanics, part II, aud. 210  
**Poster Section, 2nd floor hall**

15.30 – 18.00 S – First Steps in Science (for secondary school students), aud. B-02  
(Lecture by Prof. Dr. Sergey Manida “Physics and the world around us”  
(in Russian), Saint Petersburg State University; coffee-break 16.30-17.00)

15.30 – 16.00 Coffee-break

16.00 – 18.00 **Poster Section, 2nd floor hall**  
C – Mathematics and Mechanics

18.00 – 19.00 Dinner

## November, 13 (Friday)

*11.15 – 12.15* **Lecture II**, aud. B-04

**“Reaction-diffusion systems with hysteresis”**

Prof. Dr. Sergey Romanov, Institute for Particle Technology, Friedrich-Alexander-University Erlangen-Nuremberg

*12.20 – 13.10* **Lecture III**, aud. B-04

**“Spin and angle resolved photoemission on non-magnetic Dirac-type systems”**

Prof. Dr. Oleg Tereshchenko, Novosibirsk State University, Rzhanov Institute of Semiconductor Physics SB RAS Russia

*13.10 – 13.40* **CEREMONY OF HONOR FOR THE BEST TALK**

**CONFERENCE “SCIENCE AND PROGRESS-2015”** aud. B-04

*13.40 – 14.00* Lunch

*14.00 – 16.00* Excursion to the Resource Centers in Peterhof Campus SPSU (venue in the hall of the ground floor)