



PROGRAM

International Student Conference
“Science and Progress-2016”
October, 17-21
Saint-Petersburg – Peterhof

October, 17 (Monday)

10.00 – 10.45 Registration (Faculty of Physics, hall of the 1st floor)

10.45 – 11.00 Opening Ceremony, aud. B-04

11.00 – 12.00 Lecture I, aud. B-04

“Making sense of the mess: Reconstructing the morphology of noncrystalline solids from NMR of noncovalent interactions”

Dr.Sc. Ilya Shenderovich, University of Regensburg

12.00 – 12.30 Coffee-break (hall nearly aud. B-02)

12.30 – 13.30 Lecture II, aud. B-04

“Ultrafast photochemistry of bromoform: chemical reaction from the inside”

Dr. Andrey Mereshchenko, Institute of Chemistry, Saint-Petersburg State University

13.30 – 15.00 Lunch

15.00 – 16.30 **Oral sections**

C – Mathematics and Mechanics, part I, aud. 227

D – Solid States Physics, part I, aud. B-04

F – Optics and Spectroscopy, aud. 225

I – Resonance Phenomena in Condensed Matter, aud. 210

16.30 – 16.50 Coffee-break (hall nearly aud. B-02)

16.50 – 18.00 **Oral sections**

C – Mathematics and Mechanics, part II, aud. 227

D – Solid States Physics, part II, aud. B-04

Poster sections, 2nd floor hall

D – Solid States Physics (after oral section)

F – Optics and Spectroscopy,

I – Resonance Phenomena in Condensed Matter

18.00 – 19.00 Dinner

October, 18 (Tuesday)

09.30 – 14.00 Excursion to the Kunstkamera: Great Gottorp Globe, First Astronomical Observatory of the Academy of Sciences (bus starts from Faculty of Physics)

14.00 – 15.00 Lunch

15.00 – 16.00 Lecture III, aud. B-04

“Label-Free Spectromicroscopy as a Probe for Dermal Drug Delivery”
Prof. Eckart Ruehl, Free University of Berlin, Department of Physical Chemistry

16.00 – 17.00 Lecture IV, aud. B-04

“Experimental and numerical methods for cavitation erosion prediction in hydraulic components”

Dr. Iben Uwe, Head of Research and Technology office, GmbH “Robert Bosch”

17.00 – 18.00 Dinner

October, 19 (Wednesday)

10.30 – 12.00 **Oral sections**

B – Geo- and Astrophysics, part I, aud. 210

H – Biophysics, aud. 225

G-RISC Evaluation Meeting, part I

12.00 – 12.30 Coffee-break

12.30 – 14.00 **Oral sections**

B – Geo- and Astrophysics, part II, aud. 210

Poster sections, 2nd floor hall

H – Biophysics

G-RISC Evaluation Meeting, part II

14.00 – 15.00 Lunch

15.00 – 17.00 **Poster sections, 2nd floor hall**

B – Geo- and Astrophysics

G-RISC Evaluation Meeting, part III

17.00 – 18.00 Dinner

October, 20 (Thursday)

10.30 – 12.00 **Oral sections**

A – Chemistry, part I, auds. 210, 225, 227

G – Theoretical, Mathematical and Computational Physics, part I, aud. 229

12.00 – 12.30 Coffee-break

12.30 – 14.00 **Oral sections**

A – Chemistry, part II, auds. 210, 225, 227

G – Theoretical, Mathematical and Computational Physics, part II, aud. 229

14.00 – 15.00 Lunch

14.00 – 17.00 **S – First Steps in Science (for secondary school students)**, aud. B-02

14.00 – 15.00 Lecture by Dr. Sergey Manida “Education in Physics and Mathematics as an element of the universal human culture” (in Russian), Saint Petersburg State University, Faculty of Physics

15.00 – 15.30 Coffee-break

15.30 – 17.00 Oral section S, auds. B-02, B-04

17.00 – 17.30 Coffee-break

17.30 – 18.00 Ceremony of awarding the winners “The best school student’s presentation”

15.00 – 17.00 **Annual Meeting of G-RISC “Results-2016”**, aud. 210

15.00 – 15.10 Welcome speeches, Representative SPSU

15.10 – 15.20 Representative DAAD

15.20 – 15.30 Representative Freie University Berlin

15.30 – 15.40 Representative G-RISC Prof. Dr. Eckart Rühl

15.40 – 15.50 Representative G-RISC Administrative Committee Natalia Kolanovska

15.50 – 17.00 Ceremony of awarding the winners “The Best reports”

17.30 – 19.30 **SECOND G-RISC’S ALUMNI MEETEING** (Student Canteen)

17.30 – 18.00 Presentations by G-RISC Alumnis

18.00 – 18.15 Ceremony of awarding the winners “The best conference reports”

18.15 – 19.30 Welcome-drinks

October, 21 (Friday)

11.00 – 12.00 **Lecture V**, aud. B-04

“Magnetism of the heavy lanthanides: equilibrium vs. non-equilibrium phase transitions”

Andres Beatrice, Free University of Berlin, Department of Physics

12.00 – 13.00 Lunch

13.00 – 18.00 Excursion to the Gatchina Palace

18.00 – 19.00 Dinner