

## IMPORTANT DATES

Abstract submission:	February	15, 2013
Submission of a visa form (required to issue the invitation to Russia):	February	15, 2013
Notification of acceptance:	March	15, 2013
Paper submission:	March	15, 2013
APM 2013 Conference:	July	1-6, 2013

**PLEASE REFER TO THE FOLLOWING WEBSITE FOR FURTHER DETAILS ABOUT THE CONFERENCE**

**<http://www.apm-conf.spb.ru>**

**We are looking forward to your participation in our conference!**

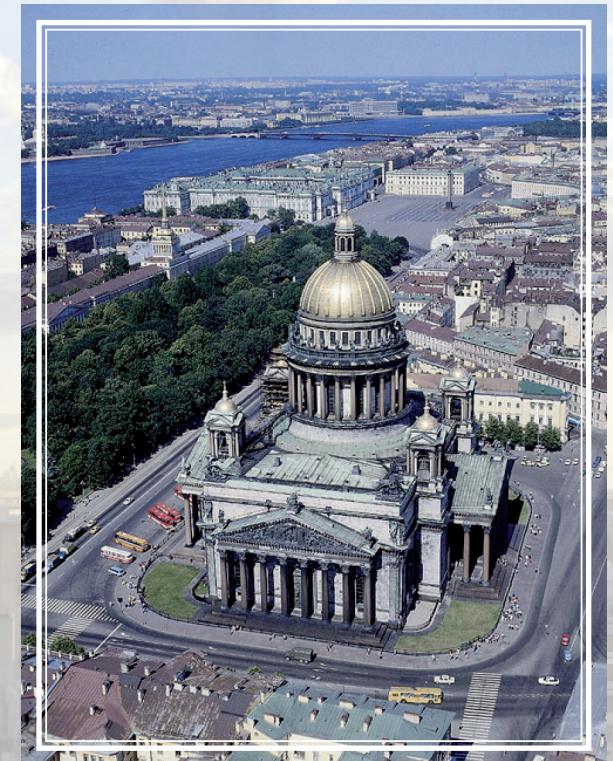
The APM 2013 is organized by:  
Institute for Problems in Mechanical Engineering of the Russian Academy of Sciences (IPME RAS)  
St. Petersburg State Polytechnic University (SPbSPU)

## TOPICS

- mechanics of media with microstructure
- nanomechanics
- molecular and particle dynamics
- biomechanics and mechanobiology
- phase transitions
- computational mechanics
- wave motion
- nonlinear dynamics, chaos and vibrations
- dynamics of rigid bodies and multibody dynamics
- solids and structures
- fluid and gas
- mechanical and civil engineering
- applications
- aerospace mechanics

The 7th consecutive young scientists' school-conference "Modern Ways in Mechanics " will be held within of APM'2013.

# APM 2013



XLI Summer School  
Advanced Problems  
in Mechanics (APM 2013)  
July 1-6, 2013  
Repino

St. Petersburg, Russia



## The International Summer School – Conference

“Advanced Problems in Mechanics – 2013” is the forty first in a series of annual summer schools held by Russian Academy of Sciences. The Conference is organized by the Institute for Problems in Mechanical Engineering of the Russian Academy of Sciences (IPME RAS) and St. Petersburg State Polytechnical University (SPbSPU) under the patronage of the Russian Academy of Sciences (RAS). The main purpose of the meeting is to gather specialists from different branches of mechanics to provide a platform for cross-fertilisation of ideas. The list of problems under investigation is not limited to questions of mechanical engineering, but includes practically all advanced problems in mechanics, which is reflected in the name of the conference. The main attention is given to problems on the boundary between mechanics and other research areas, which stimulates the investigation in such domains as micro- and nanomechanics, material science, physics of solid states, molecular physics, astrophysics and many others. The conference “Advanced Problems in Mechanics” helps us to maintain the existing contacts and to establish new ones between foreign and Russian scientists.

## CONFERENCE VENUE

The countryside Baltiys hotel is a 14 storied building. Major part of the rooms has a nice view on the Gulf of Finland. Restaurant, bars, business-center, conference halls, swimming pool and fitness center, shops, cinema and night club are situated on the ground and first floor. For many years the Baltiys Hotel has been one of the best venues for holding conferences, seminars, congresses, presentations, symposiums and other events of Russian and foreign companies.

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