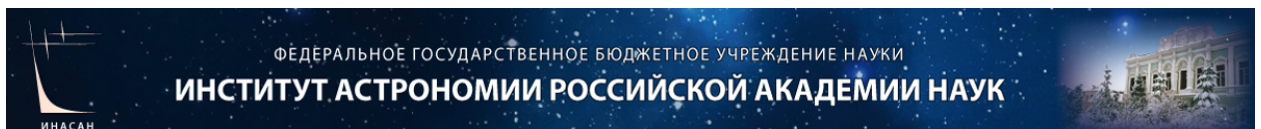


**INTERNATIONAL SCHOOL FOR STUDENTS AND YOUNG
SCIENTISTS
"EXOPLANETS IN THE BINARY STELLAR SYSTEMS"**

Institute of Astronomy, Russian Academy of Sciences
Pyatnitskaya st., 48, Moscow, Russia

May 30 - June 1, 2016

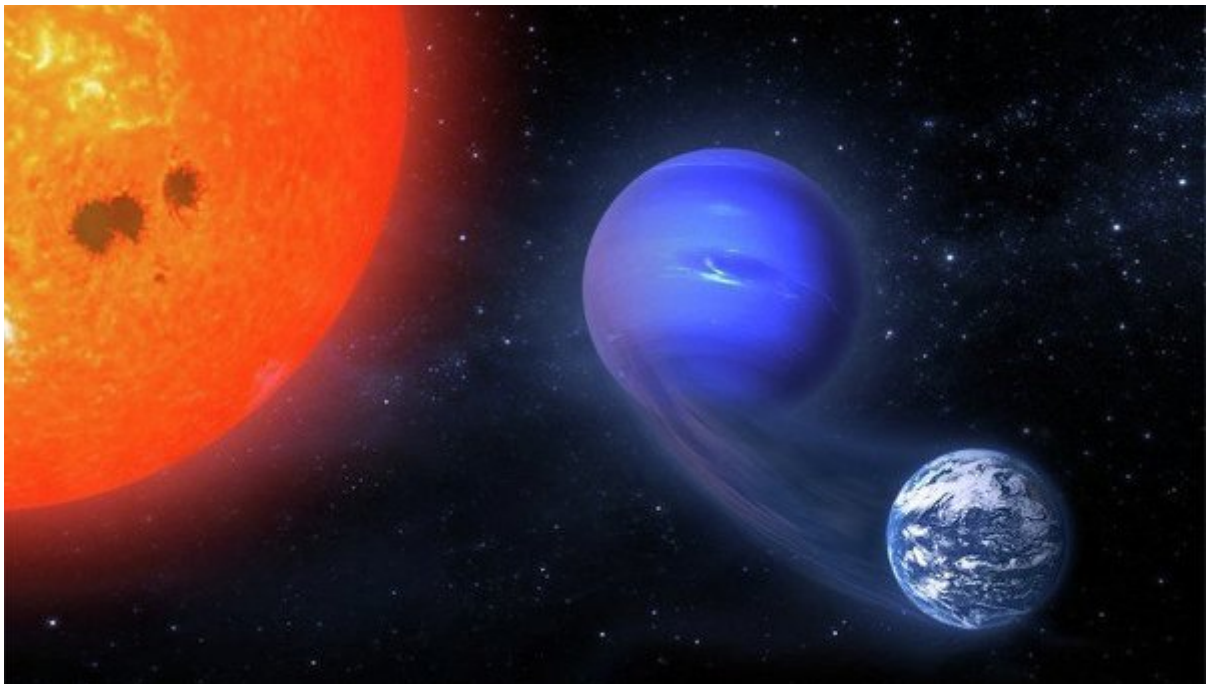


**Institute of Astronomy,
Russian Academy of Sciences**



Российский
научный
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Russian Science Foundation



INASAN, Moscow, 2016

The school is organized by

- Institute of Astronomy, Russian Academy of Sciences
- Russian Science Foundation

Organizing Committee

- Shematovich V.I. (Chair, Institute of Astronomy)
- Bisikalo D. V. (Institute of Astronomy)
- Kaygorodov P. V. (Institute of Astronomy)
- Fateeva A.M. (Scientific secretary, Institute of Astronomy)
- Arakcheev A.S. (Institute of Astronomy)
- Cherenkov A.A. (Institute of Astronomy)

The school is organized as a course of invited lectures given by leading Russian and foreign scientists working in exoplanet sciences, astrophysics of binary stellar systems, kinetic theory of gases, computational fluid dynamics.

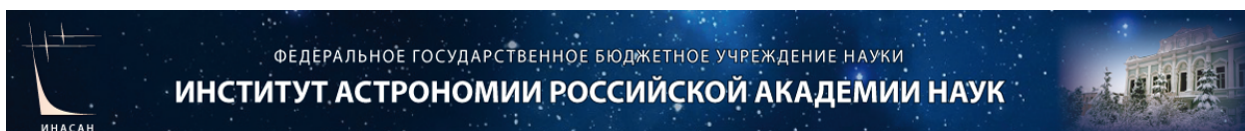
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First announcement

We are pleased to announce that the International School for students and young scientists “Exoplanets in the Binary Stellar Systems” will be held in Moscow on May 30 - June 01, 2015.

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Preliminary Program

The school is organized as a course of invited lectures given by leading Russian and foreign scientists working in exoplanet sciences, astrophysics of binary stellar systems, kinetic theory of gases, computational fluid dynamics.

- **Luca Fossati** - Space Research Institute AAS, Austria

A comprehensive overview of results obtained from multi-wavelength exoplanet transit observations

- **Helmut Lammer** - Space Research Institute AAS, Austria

Exoplanets and their systems: a general view

- **Herbert Lichtenegger** - Space Research Institute AAS, Austria

Non-thermal escape from planetary atmospheres

- **Elke Pilat-Lohinger** - Department of Astrophysics, University of Vienna, Austria

Binary star exoplanets

- **Colin Johnstone** - Department of Astrophysics, University of Vienna, Austria

Mass loss evolution studies...

- **Kristina Kislyakova** - Space Research Institute AAS, Austria

Stellar wind interaction with exoplanets

- **Dmitry V. Bisikalo** - Institute of Astronomy RAS, Moscow, Russia

MHD-modeling of the flows in binaries and planets neighborhoods

- **Andrey G. Zhilkin** - Institute of Astronomy RAS, Moscow, Russia

Numerical simulation of close binary systems with magnetic field

- **Pavel V. Kaygorodov** - Institute of Astronomy RAS, Moscow, Russia
Shock waves in protoplanetary disks of binaries
- **Eugeny P. Kurbatov** - Institute of Astronomy RAS, Moscow, Russia
Turbulence in accretion flows
- **Valery I. Shematovich** - Institute of Astronomy RAS, Moscow, Russia
Dissipation of the planetary atmospheres in the Solar and extrasolar planetary systems
- **Ildar F. Shaikislamov** - Institute of Laser Physics SB RAS, Novosibirsk, Russia
MHD simulation of plasma environment of Hot Jupiter HD 209458b
- **Alexander Cherenkov** - Institute of Astronomy RAS, Moscow, Russia
The Influence of Coronal Mass Ejections on the Gas Dynamics of the Exoplanet Atmosphere
- **Igor I. Alexeev and Elena S. Belenkaya** - Skobeltsyn Institute of Nuclear Physics, Lomonosov Moscow State University
Role of the equatorial magnetodisc in the exoplanet magnetosphere dynamics
- **Yaroslav N. Pavluchenkov** - Institute of Astronomy, Russian Academy of Sciences, Moscow
Protoplanetary disks: observations and basic models
- **Igor S. Savanov** - Institute of Astronomy, Russian Academy of Sciences, Moscow

Stellar superflares

Working languages of the school are **English** and **Russian**.

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