FIRST ANNOUNCEMENT

Dear colleagues!

Institute of astronomy RAS and Zavolzhsk town regional museum invite you to participate in the work of the International conference «VI-th Bredikhin conference» which will held during the period September 04-08, 2017.

A series of conferences dedicated to the modern achievements in the theory of comets, the dynamics of small bodies of the solar system's asteroid-comet hazard called «Bredikhin conference» was organized by the Russian Academy of Sciences (until 1991, the USSR Academy of Sciences). The Conference is named of the famous Russian astronomer Feodor Bredikhin (1831-1904). He was a director of the Moscow observatory, the Pulkovo observatory, made a important contribution to the development of the studies of comets and meteors. It was originally planned that the conference should be organized every three years in places associated with Bredikhin. The first conference was held in 1983 in Zavolzhsk town (Russia), the second - in 1986 in Nikolaev city (Ukrain), third – in 1989 in Pulkovo observatory, fourth – in 1992 in Zavolzhsk town (Russia). It was the last «Bredikhin conference». The Administration of Zavolzhsk town and Institute of Astronomy RAS have decided to revive the Bredikhin conference. In 2014 was successfully held "the 5th Bredikhin conference". It was decided to hold "Bredikhin conference" every 3 years.

TOPICS

Comets

The physical properties of comets by observations and laboratory experiments. The space mission Rosetta. Origin and migration of comets in the Solar system. Interaction between comets and other solar system bodies (transneptunian objects, centaurs, Damocloids, cometary asteroids in near-Earth space, comet objects in the asteroid belt). Near – Sun comets, result of observations of the ISON comet.

Meteoroids, meteors, meteorits.

Origin of meteor showers and parent bodies of meteor showers. Dynamics of meteoroid streams, physical properties of meteoroids and (micro-) meteorites. Meteoroid interactions with the planetary atmospheres. Interstellar dust. The methods of meteor observations and meteor (fireball) network. Meteoroid data bases. Meteor events on the other planets.

The history of comet astronomy.
SCIENCE COMMITTEE

1. Sachkov M. E. – Institute of Astronomy RAS, Russia – chair
2. Asher D. – Armagh Observatory, United Kingdom
3. Bailey M.E – Armagh Observatory, United Kingdom
5. Hajdúkova M. - Astronomical Institute of the Slovak Academy of Sciences, Slovak Republic
6. Emel’yanenko V. V. – Institute of Astronomy RAS, Russia
7. Kartashova A. P. – Institute of Astronomy RAS, Russia
8. Kasatkina C. V. – Bredikhin F. A. Museum, Russia
10. Shematovich V. I. - Institute of astronomy RAS, Russia

LOCATION

International conference “VI Bredikhin conference” will be held in the Zavolzhsk town museum by address Phrunze Str., 2, Zavolzhsk, Ivanovo region, Russia

web-сайта http://www.agora.guru.ru/bredikhin2017
E-mail: bredikhin2017@inasan.ru

REGISTRATION FEE

The registration fee should pay at the conference.

registration fee covers:

- participation in the scientific sessions,
- conference abstracts and agenda,
- coffee breaks,
- excursion

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Conference participant</td>
<td>1500 rub</td>
</tr>
<tr>
<td>Student</td>
<td>1000 rub</td>
</tr>
</tbody>
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CONFERENCE MATERIALS

Abstracts

The abstracts book will be published before conference. Abstract are limited by 1 page (include translate at the Russian).

Requirements to abstracts:
The abstract should be within 1 page. Paper size is set to A4 (21x29.7cm). Page margins are set to be 2 cm – top and lower, 3 cm - left, 1.5 cm - right. You should also check that the default font is Times New Roman 12pt for the text. Paragraph – 1 cm. All abstracts must be submitted in DOC/DOCX format.

The title should be center-aligned:

THE TITLE OF THE PRESENTATION
Authors
Organization, city, country
e-mail

VISA

Visa is required for citizens of most countries. Please contact your local consulate for details.

USEFUL INFORMATION

IMPORTANT DATES

15 April 2017 - Registration deadline
1 July 2017 - Abstract Submission deadline

FORMAT OF THE CONFERENCE

1. Invitation presentation (30 min)
2. Oral presentation (15 min)
3. Poster

All presentation should be in *.ppt or *.pdf formats. For presentation will be provided all the necessary equipment. The space for poster – A0 (vertical).

If you are interested in receiving further announcements, please, register at the web-site of the conference.

Organizing Committee,

bredikhin2017@inasan.ru