

**PRESIDIUM OF RUSSIAN ACADEMY OF SCIENCES  
INTERNATIONAL SOCIETY FOR THE STUDY OF THE ORIGIN OF LIFE**



**II International conference  
BIOSPHERE ORIGIN AND EVOLUTION**

**October 28 - November 2, 2007  
Loutraki, Greece**

<http://www-sbras.nsc.ru/ws/BOE-2007/index.en.html>

## Call for Papers

Dear colleagues,

We are pleased to announce the **II International conference BIOSPHERE ORIGIN AND EVOLUTION** to be held on **October 28 - November 2, 2007** in **Loutraki, Greece**. The event is supposed to be held every two years since its foundation in 2005. The first conference took place in Novosibirsk (Russia).

### THE ORGANIZERS:

- Trofimuk United Institute of Geology, Geophysics & Mineralogy of the Siberian Branch of Russian Academy of Sciences, Novosibirsk, Russia
- Boreskov Institute of Catalysis of the Siberian Branch of Russian Academy of Sciences, Novosibirsk, Russia
- Institute of Cytology and Genetics of the Siberian Branch of Russian Academy of Sciences, Novosibirsk, Russia
- Paleontological Institute of Russian Academy of Sciences, Moscow, Russia

### INTERNATIONAL SCIENTIFIC COMMITTEE

|                                       |  |
|---------------------------------------|--|
| <b>Nikolay Dobretsov, Co-Chairman</b> | Trofimuk United Institute of Geology, Geophysics & Mineralogy SB RAS, Novosibirsk, Russia    |
| <b>Georgii Zavarzin, Co-Chairman</b>  | Institute of Microbiology RAS, Moscow, Russia  |
| <b>André Brack</b>                    | Centre De Biophysique Moleculaire, UPR CNRS, Orleans, France                                 |
| <b>Valerii Chereshev</b>              | Institute of Immunology and Physiology, Ural Branch of RAS, Russia                           |
| <b>David Deamer</b>                   | Biomolecular Engineering, School of Engineering, Santa Cruz, USA                             |
| <b>Anatolii Derevyanko</b>            | Institute of Archaeology and Ethnography SB RAS, Novosibirsk, Russia                         |
| <b>Patric Forterre</b>                | Institut Pasteur, Paris, France  |
| <b>Richard Hoover</b>                 | NASA Marshall Space Flight Ctr., Huntsville, USA   |
| <b>Sergey Inge-Vechtomov</b>          | North-Western Scientific Center RAS, St. Petersburg State University, St. Petersburg, Russia |
| <b>Eric Galimov</b>                   | V.I. Vernadskii Institute of Geochemistry and Analytical Chemistry RAS, Moscow, Russia       |

|                    |   |
|--------------------|---|
| Nikolay Kardashev  | Astrospace Centre of Physical Institute RAS, Moscow, Russia   |
| Józef Kaźmierczak  | Institute of Paleobiology PAN, Warsaw, Poland   |
| Nikolai Kolchanov  | Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia  |
| Alexei Kontorovich | Institute of Petroleum Geology SB RAS, Novosibirsk, Russia  |
| Eugene V. Koonin   | National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Bethesda, USA |
| Koen Martens       | Royal Belgian Institute of Natural Sciences, Brussels, Belgium  |
| Koichiro Matsuno   | Nagaoka University of Technology, Nagaoka, Japan  |
| Victor Melezhik    | Geological Survey of Norway, Trondheim, Norway  |
| Valentin Parmon    | Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia   |
| François Raulin    | Lab. Interuniversitaire Des Systemes Atmosphériques, UMR CNRS, Paris, France  |
| Alexei Rozanov     | Paleontological Institute RAS, Moscow, Russia   |
| Michael Russell    | California Institute of Technology, Pasadena, CA, USA   |
| Sergey Shestakov   | N.I. Vavilov Institute of General Genetics RAS, Lomonosov Moscow University, Moscow, Russia                               |
| Vladimir Shumnyi   | Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia  |
| Alexander Spirin   | Institute of Protein Research RAS, Puschino, Moscow region, Russia  |
| Valentin Vlasov    | Institute of Chemical Biology and Fundamental Medicine SB RAS, Novosibirsk, Russia  |
| Nikolay Yushkin    | Institute of Geology, Ural Branch of RAS, Syktyvkar, Russia   |
| Yurii Zhuravlev    | Soil-Biology Institute, Far East Branch RAS, Vladivostok, Russia  |

#### ORGANIZING COMMITTEE

|  |  |
|--|--|
| Valentin Parmon, <b>Co-Chairman</b>            | Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia    |
| Nikolay Kolchanov, <b>Co-Chairman</b>          | Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia |
| Valerii Snytnikov, <b>Scientific Secretary</b> | Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia    |
| Ludmila Melnikova                              | Paleontological Institute RAS, Moscow, Russia                  |
| Sergey Rozhnov                                 | Paleontological Institute RAS, Moscow, Russia                  |
| Nataliya Surnina                               | Institute of Cytology and Genetics SB RAS, Novosibirsk, Russia |
| Olga Stoyanovskaya                             | Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia    |
| Tamara Markelova                               | Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia    |
| Tatiana Zamulina, <b>Secretary</b>             | Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia    |

## SCIENTIFIC PROGRAM

The Conference is assumed to comprise plenary lectures (40 minutes), oral presentations (15 minutes) and posters on the following topics:

- ◆ Problems of abiogenic synthesis and evolution of the matter under conditions of pregeological stages of the Earth evolution. Astrochemistry, astrocatalysis
- ◆ Astrobiology. RNA World
- ◆ Biogeological problems of the evolution of the Archean–Proterozoic and Phanerozoic biosphere
- ◆ Biomineral systems
- ◆ Genetic and ecosystem problems of the evolution
- ◆ Mechanisms of anthropogenesis and inhabitation of humans

## LANGUAGE

*The official language of the Conference is English.*

## APPLICATION

We encourage you to

- Refer to the conference web page to register and give the title of the presentation:  
<http://www-sbras.nsc.ru/ws/BOE-2007>
- Submit abstracts before March 15, 2007 to [zam@catalysis.ru](mailto:zam@catalysis.ru) for either oral or poster presentations according to one of the topics proposed.

## SUBMISSION OF ABSTRACTS

Oral and poster contributions on the topics mentioned above are welcome. An abstract should not exceed 1 page including tables, artworks and references. The abstract should begin with the *Title* followed by *Author(s)* (please underline the presenting person) and *Affiliation(s)*, including address, fax and E-mail. Authors are encouraged to indicate the preference for oral or poster presentation, but the final decision rests with the Scientific Committee.

For a uniform appearance, we would appreciate your cooperation in following the next rules:

*Title: Times New Roman, 14 pt, capital, bold*

*Authors: Times New Roman, 12 pt, bold*

*Affiliation: Times New Roman, 12 pt, italic*

*Text: Times New Roman, 12 pt, 1,5 line space, 2,5 cm margin all around of A4 paper*

*Headings: Times New Roman, 12 pt, bold*

*References: Times New Roman, 10 pt*

**The abstracts should be submitted by E-mail ([zam@catalysis.ru](mailto:zam@catalysis.ru))  
as attached Word-file. Deadline for abstracts' submission – March 15, 2007**

## PUBLICATION OPPORTUNITIES

A Book of Abstracts will be available at the Conference. The full texts of presented contributions will be reviewed and published after the Conference in the collective monograph by the International Publishing House.

## LOCATION

The Conference will be held in the Business Center of the **Club Hotel Loutraki Conference Resort & Casino 5\***, situated in the city of **Loutraki**, the sun-kissed city in the center of Greece. It is Just 45 minutes drive southwest from Athens' International Airport.

Loutraki is considered as the most ancient bathing resort of Hellas. It was named after the thermal baths provided at its sources. According to the Greek mythology Loutraki was the loved city of Gods, so that Apollon (the God of the sun and of the psychic tranquillity) and Hera (the mother of Gods) had temples there for their adoration.

## ACCOMMODATION



The participants will be accommodated in the rooms of the **Club Hotel Loutraki Conference Resort & Casino 5\*** <http://www.clubhotelloutraki.gr/>, ideally located on the sandy/pebbly beach of Loutraki, a famous ancient, and now ultra-modern SPA resort, with magnificent views of the Corinthian Gulf and spectacular sunsets.

The Hotel's vast gardens offer a unique landscape in a riot of colours. All rooms of the Hotel are air-conditioned with modern televisions, offering 21 satellite channels and an interactive system. Adjacent to **Club Hotel Loutraki** is one of the most luxurious and biggest Casinos in Europe. The water pools, gym hall, sauna, Hamam (Turkish bath) and Casino are free for the hotel residents. Children up to 12 years old - free of charge.



The **special conference** prices in Euro per room/per night **including breakfast** and VAT are given below:

| Sea View*  |            | Mountain View |            |
|------------|------------|---------------|------------|
| single     | double     | single        | double     |
| <b>128</b> | <b>146</b> | <b>94</b>     | <b>112</b> |

*\*The rooms of a bigger space consisting of living and bedroom areas, with the balconies providing the unique views of the Corinthian Gulf and bathtub with hydromassage. Mountain View rooms have no balcony.*

Some cheaper hotels are available around (the prices in Euro **per room/per night including breakfast** and VAT):

| Mantas 3*  |                   |                   | Poseidonion 2*                                   |                   |                   |
|--|-------------------|-------------------|--|-------------------|-------------------|
| (10-15 minutes walking distance along sea shore) |                   |                   | (10-15 minutes walking distance or 5 min by bus) |                   |                   |
| single   | double/per person | triple/per person | single   | double/per person | triple/per person |
| <b>36</b>  | <b>24</b>         | <b>20</b>         | <b>22</b>  | <b>18</b>         | <b>14</b>         |
| <b>48*</b>                                       | <b>30*</b>        | <b>24*</b>        |  |                   |                   |

*\*Building Mantas Sea Side, located closer to the sea.*

## Registration Fee

The registration fee is expected to be 480 Euro for each regular participant with reduced (50%) rate for students and accompanying persons. Registration fee includes all conference materials, Welcome reception, lunches, refreshments, social program.

Registration fee and accommodation payment in Euro should be transferred to the following account of the ILIKO TRAVEL Company in Athens before **September 15, 2007**:

LAIKI BANK (GREECE)  
 BRANCH: SYGGROU (024)  
 ACCOUNT NUMBER: 024-016313-001  
 RECIPIENT: DAVID V. MACHARATZE  
 IBAN: GR22 0310 0240 0000 2401 6313 001  
 BIC: EPPBGRAA

**Payments should be free of all bank charges.** To ensure that we process your payment correctly, please indicate "BOE" and the delegate name at the payment.

## SOCIAL PROGRAM

The Organizing Committee will suggest an entertaining program and the excursions to the participants and accompanying persons. The detailed description of the social program will be given in the Second Announcement.

### POST-CONFERENCE TOUR

#### The Organizing Committee invites the participants to enter 2-days Post-conference tour to METEORA

Meteora – a unique valley in the north of Greece, one of the most spectacular places in the country. Tens ancient orthodox monasteries are constructed at tops of steep separately costing rocks. Till now in some of them monks can get only by means of cords. The word METEORA means literally 'hovering in the air'. What created this rare geological phenomenon is one of the mysteries of nature.



**November 2** (start in the morning) – Drive to KALAMBAKA through LEVADIA, ARACHOVA, DELPHI and towns of Central Greece.

**November 3** (coming back in the evening) - Morning visit of the breathtaking METEORA and its monasteries built on the top of high rocks. Drive back to LOUTRAKI passing through THERMOPYLAE and KAMENA VOURLA.

**The price of the tour is 190 Euro (single accommodation) and 170 Euro (double accommodation). The price will be revised in the case of less than 20 persons.**

One breakfast, two lunches and one dinner are included (without drinks). The accommodation is in the tourist-class hotels. Guided Excursion is included. Entrance fees to the monasteries, to the archaeological site and the Museum in Delphi are not included. More detailed information will be given in the Information letter 2.

### KEY DATES

|                            |  |
|----------------------------|--|
| <b>March 15, 2007</b>      | Application and Abstracts submission                             |
| <b>April 15, 2007</b>      | Acceptance notification, distribution of the Second Announcement |
| <b>July, 2007</b>          | Distribution of the Conference program                           |
| <b>September 15, 2007</b>  | Registration fee payment   |
| <b>October 27-28, 2007</b> | Welcome to the Conference  |

#### Please, contact:

|   |   |
|---|---|
| BOE Organizing Committee<br>Tatiana ZAMULINA<br>5, Akad. Lavrentiev Ave.,<br>Boreskov Institute of Catalysis SB RAS<br>630090 Novosibirsk, Russia | Tel./Fax: +7 383 3 30 62 97<br>Fax: +7 383 3 30 80 56<br>E-mail: zam@catalysis.ru |
|---|---|

A continually updated page of information will be available at the Web address:

<http://www-sbras.nsc.ru/ws/BOE-2007/index.en.html>

## APPLICATION FORM

First name \_\_\_\_\_

Family name \_\_\_\_\_

Degree, position \_\_\_\_\_ Mr.  Ms.

Affiliation \_\_\_\_\_

Country \_\_\_\_\_

Mailing address \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_

E-mail address \_\_\_\_\_

I intend to participate in the Conference without a contribution

I intend to submit a contribution to the Conference, preferably by

◇ **Oral Presentation**

◇ **Poster Presentation**

Title of the paper, names of co-authors \_\_\_\_\_

I will be **accompanying** by \_\_\_\_\_ person

I would like to participate in the **post-tour** to Meteors

### Accommodation

**I prefer** (please mark)

**Club Hotel Casino Loutraki:**

| Sea View*  |            | Mountain view |            |
|------------|------------|---------------|------------|
| single     | double     | single        | double     |
| <b>128</b> | <b>146</b> | <b>94</b>     | <b>112</b> |

**Other hotels:**

| Mantas 3*  |                   |                   | Poseidonion 2*                                   |                   |                   |
|--|-------------------|-------------------|--|-------------------|-------------------|
| (10-15 minutes walking distance along sea shore) |                   |                   | (10-15 minutes walking distance or 5 min by bus) |                   |                   |
| single   | double/per person | triple/per person | single   | double/per person | triple/per person |
| <b>36</b>  | <b>24</b>         | <b>20</b>         | <b>22</b>  | <b>18</b>         | <b>14</b>         |
| <b>48*</b>                                       | <b>30*</b>        | <b>24*</b>        |  |                   |                   |