

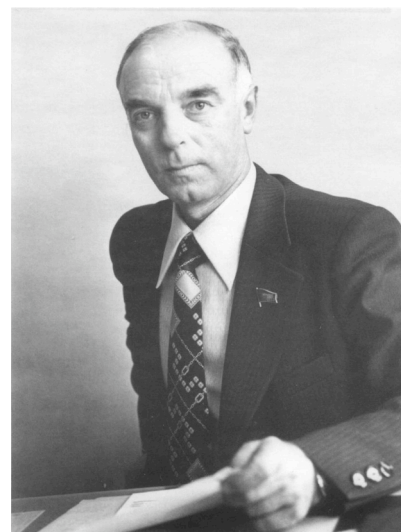
*Russian Petrography Committee  
Siberian Branch of Russian Academy of Sciences  
Institute of the Earth's Crust  
Irkutsk State University*

Symposium dedicated to the memory of Academician  
Nikolay Alekseevich Logatchev  
in connection with 80-th anniversary of his birth

## **Cenozoic Continental Rifting**

**Irkutsk, June 1-5, 2010**

Information letter



Cenozoic rifting is a process developed in all continents. Intensive studies of rift systems in Central and East Asia, East Africa, West Europe, and North America have shown general similarity in terms of structural development, thinned lithosphere, elevated heat flow, involvement in melting of deep mantle magmatic sources, but have revealed also some features, which are specific only for some rifts. New geophysical and geological data obtained recently on the Baikal, East China, Rio Grande and other rifts essentially improve understanding deep processes. Researches and students are invited to present reports on rift-related phenomena in different continents to special scientific meeting in Irkutsk, Siberia.

Overall objective of the symposium is to highlight results of the Russian and international research groups working on different aspects of Cenozoic continental rifting, to discuss data obtained by high-precision geophysical and geochemical techniques. The significant contribution to understanding processes in the Baikal and others continental rift systems was done by the Academician N.A. Logatchev – a leader of several international workshops. The symposium is dedicated to his memory in connection with 80-th anniversary of his birth.

### **Organizing committee**

#### ***Chairmen:***

Evgeni V. Sklyarov – Academic member of RAS, Prof., Director, Institute of the Earth's Crust SB RAS, Irkutsk  
Sergei V. Rasskazov – Dr., Prof., Head of laboratory, Institute of the Earth's Crust, Professor, Irkutsk State University, Irkutsk

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 P.H. Molnar – Prof., Cooperative Institute for Research in Environmental Sciences, Boulder, Colorado (USA)  
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 V.V. Ruzhich – Prof., Institute of the Earth's Crust SB RAS, Irkutsk  
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 S.I. Sherman – Prof., Institute of the Earth's Crust SB RAS, Irkutsk  
**Secretary:**  
 Tat'yana A. Yasnygina – Dr., Senior researcher, Institute of the Earth's Crust, Irkutsk

### Basic topics for discussion

1. Tectonic, geophysical, and magmatic criteria for rift-related processes
2. Stratigraphy, lithology, and geochronology of sedimentary and volcano-sedimentary units in the Baikal and others continental rift systems
3. Evolution of rift-related processes
4. Comparative analyses of rifting and related processes in inner regions and margins of continents
5. Relations between continental rifting and processes at convergent plate boundaries
6. Recent motions in continental rift regions, geo-hazards
7. Geodynamic models

Beyond these topics any other new approaches to study Cenozoic continental rifting are welcome also.

Within the framework of the symposium, a geologic excursion will be organized for observations of major structural, sedimentary, and magmatic features of the southwestern Baikal Rift System. Information will be given in the second circular. Working languages of the symposium are Russian and English.

**For preliminary registration we ask to fill up and send a form given below before 15-th of December 2010. Information of the form is required for submitting papers on financial support of the symposium.** Second circular and other materials will be distributed by e-mail and placed [in the site of symposium](#)

### Key dates

**December 15, 2009** – deadline of registration  
**January 25, 2010** – second circular distribution  
**March 1, 2010** – deadline of abstract submission

### Contacts

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## Abstract layout

Prepare camera-ready abstract not longer than three A4 pages including text, tables, figure captures and references prepared using MS Word or OpenOffice. Please send them as email attachment. Use font Times New Roman 12 pt (bold type for a title, upper case for institutions, italic type for authors), single interval, indentation 1.25 cm, justify alignment, page setup with fields 2.5 cm for all sides. Underline the author presented the abstract. Use numbers for authors from different institutions. Attached files named after the first author of a presentation.

Example:

### MAGMATISM AND DEEP STRUCTURE OF THE BAIKAL RIFT

*<sup>1</sup>A.V. Petrov, <sup>2</sup>G.P. Sidorova*

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<sup>2</sup>Leicester University, London, UK

List of references is arranged in alphabetic order, references in text are given in parentheses, for example (Kuzmin, 1990). Tables are prepared in the text editor and included in the text of abstract. Figures are attached in separate fails of Corel Draw (preferably) or bitmap formats (.jpg or .gif).



### REGISTRATION FORM

Symposium «Cenozoic continental rifting»

June 1–5, 2010, Institute of the Earth's crust, Irkutsk

<b>Fist name</b>	
<b>Family name</b>	
<b>Country</b>	
<b>Scientific degree</b>	
<b>Affiliation</b>	
<b>Institution</b>	
<b>Address</b>	
<b>Phone</b>	
<b>Fax</b>	
<b>E-mail</b>	
<b>Title of abstract</b>	
<b>List of authors</b>	
<b>Presentation form (oral/poster)</b>	
<b>Participation in excursion</b>	