



THE 50TH MINING PŘÍBRAM SYMPOSIUM 2011

Czech Republic

THE INTERNATIONAL SECTIONS:

a) MATHEMATICAL METHODS IN GEOLOGY

Prague: October 7- 9

Příbram: October 10-12

b) GEOETHICS

Příbram: October 10-14

The city of **Příbram** - 60 km SW from Prague - is the centre of a region with a long mining history and tradition going back to the 13th century. The Mining Příbram symposia have been organised here since 1962, specialised international sections on **mathematical methods in geology** since 1968 (regularly until 1999), on **geoethics (application of ethics in the fields of geology, mining and energetic)** since 1992 regularly (usually in 2-years periods).

In 2011 the international section **MATHEMATICAL METHODS IN GEOLOGY** will be officially endorsed by the IAMG (International Association for Mathematical Geology) and will start in the IAMG birthplace Prague for reminiscences and friendly discussions about history and achievements of mathematical Earth sciences in the **hotel KRYSTAL** (where IAMG Silver Jubilee was held in October 1993). The IAMG endorsement does not imply any financial support.

The international section **GEOETHICS** in this year will be dedicated to the memory of one among the first promoters of geoethics and almost permanent visitor of our meetings – the famous Polish **Professor Adam Stefan TREMBECKI** (1921 – 2007) to remember 90 years from his birth. It will take place together with a joint meeting of the **Working Group for Geoethics** established by **AGID** (the Association of Geoscientists for International Development - www.bgs.ac.uk/agid/) and with meetings of teams preparing projects of geoethics for the IGC 2012 in Brisbane. The chairman of all these meetings will be the AGID Vice-president for Europe Dr. Václav Němec. Regularly issued (since 2007) **GEOETHICS NEWS** (with included news about the meetings at Příbram) are available at the web pages of the AGID National Chapter in Spain http://tierra.rediris.es/Geoethics_Planetary_Protection/.

For details see the further text, with the final registration form at the last page. **Many thanks for also informing any of your colleagues who may be interested.**

Convenors: **Václav Němec** and **Lidmila Němcová**
Symposium Secretary: **Zdenka Marciníková**

The program of the sections (additional changes reserved):

FRIDAY, OCTOBER 7 - PRAGUE:

arrival to Prague, possible accommodation in the hotel **KRYSTAL**

SATURDAY, OCTOBER 8 – PRAGUE in the hotel **KRYSTAL** (details to be published in the next edition of the program):

- 9.00 – 15.00 REGISTRATION
- 10.00 – 13.00 PRESENTATION OF PAPERS (see group M in the following List)
- 14.00 – 17.00 **PANEL DISCUSSION: WHAT CONSTITUTES MATHEMATICAL GEOLOGY, FROM WHENCE DID IT COME AND WHITHER CAN IT BE EXPECTED TO GO**
Panelists: Isobel Clark (UK), Václav Němec (Czech Republic), Niichi Nishiwaki (Japan), Vera Pawlowsky-Glahn (IAMG President, Spain), Jean Serra (France), Suzanna Sirotinskaya (Brazil), Hannes Thiergärtner, F. Ludwig Wilke (Germany)

SUNDAY, OCTOBER 9 - PRAGUE:

A possible collective program will be announced in the next edition of the program. Individual talks and meetings, cultural events, sightseeing.

MONDAY, OCTOBER 10 – PŘÍBRAM in the building of the state enterprise **DIAMO (SUL)** – in the street 28. října, nr. 184, in the area of the House of the Culture (**DŮM KULTURY**) nearby the hotel **BELVEDERE** (details in the next edition):

- 10.00 – 15.00 REGISTRATION
- 13.00 – 17.00 PRESENTATION OF PAPERS (see group M+G in the following List)

TUESDAY, OCTOBER 11 – PŘÍBRAM:

- 8.00 – 9.30 REGISTRATION
- 8.30 – 9.30 PRESENTATION OF PAPERS (group M+G in the following List)
- 10.00 – 12.30 INAUGURATION PLENARY SESSION OF THE 50th SYMPOSIUM in the building **DŮM KULTURY**; the program will include the lecture: Václav NĚMEC: International Sections “MATHEMATICAL METHODS IN GEOLOGY” and “GEOETHICS” – the Integral Part of the Mining Příbram Symposia
- 14.00 – 17.30 EXCURSION: Příbram and neighbourhood, Vysoká – Museum of the Czech composer Antonín Dvořák and also of his usually inaccessible private summer residence (explanation by his last living grandson)
- 18.00 – 22.30 SOCIAL EVENING in the building of the A.Dvořák Theater (all needed information will be given at the registration; free meals & drinks).

WEDNESDAY, OCTOBER 12 - PŘÍBRAM:

- 9.00 – 12.00 PRESENTATION OF PAPERS (see group G in the following List; the final grouping will be published in the next issue of the program)
- 14.00 – 17.30 PRESENTATION OF PAPERS
- 19.00 – 23.00 TRADITIONAL EVENING OF MINERS (all needed information at the registration; free entry, meals and drinks to be paid)

THURSDAY, OCTOBER 13 - PŘÍBRAM:

9.00 – 12.00 PRESENTATION OF PAPERS (see group G in the following List; the final grouping will be published in the next issue of the program)

14.00 – 17.30 PANEL DISCUSSION : FURTHER GOALS OF GEOETHICS

Panelists: Ochir Gerel (IUGS Vice-President, Mongolia), Jesus Martinez-Frías (Spain), Lidmila Němcová, Václav Němec (Czech Republic), Nataliya K. Nikitina (Russia), Niichi Nishiwaki (Japan), Haiqiao Tan (P.R. of China), F. Ludwig Wilke (Germany)

FRIDAY, OCTOBER 14 – PŘÍBRAM:

9.00 – 12.00 PRESENTATION OF PAPERS and SHORT COMMUNICATIONS (in case of interest contact the convenors in advance)

The program of the day will be finalized in accordance with the wishes of participants (final discussion should be focussed especially on problems how to continue in promoting the ideas of geoethics). The participants will have lot of opportunities to discuss various geoethical problems of interest and to prepare their materials for the AGID Working Group on Geoethics.

SATURDAY, OCTOBER 15:

A special meeting is planned for members preparing events on geoethics for the 34th International Geological Congress 2012 in Brisbane (Australia).

List of papers to be presented (situation as of June 12, 2011):

Alphabetical order used - final grouping to be announced in the next program issue.

M – Prague:

S. S. JUSUPBEKOV, D. Zh. BASTAUBAEVA, G. K. BAYDAULETOVA (Republic of Kazakhstan): Analytical estimation of average significance in case of complicated reliefs

Azimkhan KURMANKOZHAEV, D. Zh. BASTAUBAEVA, G. K. BAYDAULETOVA (Republic of Kazakhstan): Models of forming density of survey piquets at localities

Václav NĚMEC (Czech Republic): Prague – the birthplace of the International Association for Mathematical Geology

Niichi NISHIWAKI (Japan): From mathematical geology to geoinformatics

Vera PAWLOWSKY-GLAHN, Juan José EGOZCUE (Spain): The closure problem: one hundred years of debate

M. SADAUI, R. CHAOUCHI, L. REMICHI (Algeria): Trend analysis of petro-physical properties of reservoirs in Oued Mya basin (Sahara Algerian)

Jean SERRA (France): Hierarchies of partitions

M+G – Příbram:

Alicja BYRSKA - RAPAŁA (Poland): Mathematical methods of estimation of fair market value of hydrocarbon property

Valentina T. FILATOVA (Russia): Mobile-permeable zones in the basement of the North-Eastern Baltic shield and conditions of their location

Jaroslav CHYBA (Czech Republic): Problems of prediction in Earth sciences

Václav NĚMEC (Czech Republic): Ethical remarks to extrapolation problems

Niichi NISHIWAKI (Japan): Geoethical importance of information management before/after natural hazards

Beata TRZASKUŚ-ŻAK, Kazimierz CZOPEK (Poland): Verification of economic efficiency of lignite deposit development using the sensitivity analysis

K. - O. ZEISSLER, Th. HERTWIG (Germany): Artificial neuronal network instead of kriging? A case study with soil contamination of complex sources

G - Příbram:

D. Zh. BASTAUBAEVA, S. S. JUSUPBEKOV, G. K. BAYDAULETOVA (Republic of Kazakhstan): Ecosystem peculiarities in conditions of great cities in the Republic of Kazakhstan

V. K. CHISTYAKOV (Russia): Geoethical problems of disclosing sub-glacial seas in Antarctic Azimkhan KURMANKOZHAEV, D. Zh. BASTAUBAEVA (Republic of Kazakhstan): Dynamics of ecological loadings in conditions of the city of Almaty

Jaroslav CHYBA (Czech Republic): Access to justice in environmental decision making

Ochir GEREL (Mongolia): Environmental and geoethical problems in mining areas in Mongolia

Ivan LANDA, Pavel ŠIMEK, Andrea HLAVOVÁ (Czech Republic): Global geological changes and the future

Ivan LANDA, Pavel ŠIMEK, Andrea HLAVOVÁ (Czech Republic): Decreasing albedo by using thermal capacity of constructions in urbanized areas for decreasing the global warming risk

Jesus MARTINEZ - FRÍAS (Spain) : Geoethics: a new paradigm from Earth to planetary sciences and astrobiology

Lidmila NĚMCOVÁ (Czech Republic): Necessity of developing ethical way of thinking as presumption of professionalism

Václav NĚMEC (Czech Republic): Review of actual problems of the further development of geoethics

Nataliya K. NIKITINA, Sergey NIKITIN (Russia): Geodiversity and necessity of its preservation: ethical principles and the values approach

A.L. NIKOLSKI, E. B. SOLNTSEVA, O. I. KNYAZEVA, R. E. KUZIN (Russia): Geoethical and geo-ecological aspects of using reserve deposits of the Elkon uranium ore district (Republic of Sakha, Yakutiya)

Haiqiao TAN (P. R. of China): Geoethical approach to the development in Earth 3.0

Kateřina ZACHOVALOVÁ, David PÓČ, Milena ŠANDOVÁ (Czech Republic): Rehabilitations as an important tool for the CSR strategies

Further papers and communications already promised, **additional contributions can be accepted until June 30 (to be included into the next edition of the program).** After June 30 a limited possibility will be given for accepting **short communications.**

Languages:

The oral presentation of papers and communications will be mostly held in **English.** Possible use of any other language should be consulted in advance with the convenors. Simultaneous translation will not be arranged but - if necessary - consecutive abbreviated translations of discussions will help to ensure mutual understanding. The papers will be published mostly in English, in case of publishing the original text in Russian an enlarged resume will be given in English.

Deadlines:

JUNE 30, 2011: submitting additional papers and short communications

JULY 10, 2011: submitting the enclosed final registration form and payment of the advanced registration fees

JULY 20, 2011: submitting final texts of papers and communications for publication in the printed proceedings of both sections

SEPTEMBER 15: submitting the enclosed final registration form and payment of the regular registration fees

Registration fee (in € - EUROS for one person):

advanced - PAID BEFORE JULY 10, 2011	99 €
regular - PAID BEFORE SEPTEMBER 15, 2011	150 €
late - paid in cash at the registration desk	180 €
for accompanying persons	20 €

The registration fee covers: the access to the Symposium, the proceedings volume of the both sections, the excursion, the social evening, and the access to the traditional evening of miners; for accompanying persons the excursion, the social evening and the access to the miners' evening.

In case of CANCELLING personal participation all those who paid the registration fee will be considered as non attending registrants and the proceedings volume will be mailed them after the symposium.

Payments :

a) by the BANK TRANSFER to the account No. 1930194379/0800 at Ceska sporitelna, a.s., Prague 1, Rytirska 29, Czech Republic; IBAN : CZ28 0800 0000 0019 3019 4379 ; BIC : GIBACZPX ; the owner of the account: AGRICOLA, Prague, Czech Republic. Note that the payment is for the Mining Pribram Symposium and indicate also the name(s) of the participant(s); BANK TRANSFER EXPENSES SHOULD BE COVERED BY THE SENDER;

b) in CASH at the registration desk after your arrival to Pribram (for the „late“ and „last minute“ registrations and also for the accompanying family members).

Arrival :

The participants are asked to arrive in Prague and in Příbram in accordance with the arrival date as indicated by them in the registration form. The citizens of many countries can enter the territory of the Czech Republic without visa (**ask for details the Czech Embassy or any travel agency in your country**), on the other hand **visa** for citizens of other countries (outside European Union) still have to be purchased (valid for the Schengen area of the European Union).

VALID PASSPORT is absolutely necessary as well as the **HEALTH INSURANCE**

(the organisers do not take any responsibility for accidents or illness that might occur during the symposium or in the course of the travel).

If a special personal letter of invitation from the organisers is needed ask for it IMMEDIATELY.

Usually the visitors travel TO PŘÍBRAM VIA PRAGUE which is easily accessible by various transport means. The cheapest local transport in Prague is the municipal transport (bus Nr. 119 or Nr. 100 from the airport, subway system at all principal railway stations). The best public transport from Prague to Příbram is by BUS (the terminal in Prague - platforms 5, 6 - is situated nearby the subway station ANDĚL on the "yellow" line B). There are frequent direct connections from there to Příbram (about 60 minutes needed for the transport). On arriving at Příbram get off at the station POLIKLINIKA Nr. 2.

Hotel accommodation:

IN PRAGUE a pre-reservation for the period October 7 – October 10 has been assured for participants of the Symposium in the hotel KRYSTAL used already for the meetings of mathematical geologists (and for the IAMG Silver Jubilee in 1993). Mark your wish to be accommodated in this hotel in the Final registration form. This hotel will not be available for transit in Prague after the symposium. **Be sure to make your reservation as soon as possible.**

AT PŘÍBRAM all participants will be accommodated in accordance with the wishes indicated by them in their Final registration forms. **The accommodation cannot be guaranteed for very late registrations (after September 30).** When you want to arrive to Příbram **earlier than October 10**, you will get the respective information where to go to your hotel. We shall try to locate the participants preferably in the **hotel BELVEDERE** in the vicinity of the Symposium residence (on the *first come – first served* basis). Moderate prices in all places. Details on request.

The accommodation and meals are to be paid by each participant in cash (usually in the local currency) in hotels and in restaurants. In some hotels the price includes a breakfast.

In case of any unexpected change or cancellation of your arrival DO NOT FORGET TO INFORM US IMMEDIATELY BY ANY MEANS. If you do not arrive for the first night indicated in your registration form your reservation will be cancelled and you also may be asked to pay for one night's accommodation.

Contacts:

Mining Příbram Symposium, P.O. Box 41, CZ - 261 92 Příbram; CZECH REPUBLIC

E-MAIL: MARCINIKOVA@DIAMO.CZ (secretary, Příbram);

LIDMILA.NEMCOVA@QUICK.CZ (convenors, Prague);

DOLEZALOVA@DIAMO.CZ (for convenors at Příbram).

PHONE: (++420) 274811801 or (++420) 281962158 (convenors, recorders)

FAX: (++ 420) 318644148 (Symposium Secretariat at Příbram)

THE MINING PŘÍBRAM SYMPOSIUM 2011

THE INTERNATIONAL SECTIONS:
MATHEMATICAL METHODS IN GEOLOGY and GEOETHICS

FINAL REGISTRATION FORM

Be so kind to send this FINAL REGISTRATION FORM also in case you sent any from previous preliminary registration forms.

Mark the appropriate answers by a circle around X or delete inappropriate answers (incl. NO or YES).

When using e-mail, be so kind to send this form together to all three e-mail addresses:

MARCINIKOVA@DIAMO.CZ; LIDMILA.NEMCOVA@QUICK.CZ; DOLEZALOVA@DIAMO.CZ .

PERSONAL DATA:

Name:

Address:

E-mail:

Phone No. (incl. country and city codes):

PARTICIPATION IN SEGMENTS:

I shall take part in the following segments (sessions) of the Symposium:

YES - NO mathematical geology and sightseeing - in Prague (October 7-10)

YES - NO sightseeing, culture and relax only - in Prague (October 7-10)

YES - NO mathematical geology - at Příbram (October 10-12)

YES - NO the international section on GEOETHICS - at Příbram (Oct. 10-14)

Accompanying family members:

PAYMENT OF REGISTRATION FEE:

99 € (advanced- PAID BEFORE JULY 10, 2011)

150 € (regular - PAID BEFORE SEPTEMBER 15, 2011)

180 € (late - paid IN CASH at the registration desk)

20 € (for each accompanying person – to be paid IN CASH at the registration desk)

The respective sum: _____ € (EURO) is paid:

by the BANK TRANSFER to the account No. 1930194379/0800 at Česká spořitelna, a.s., Prague 1, Rytířská 29, Czech Republic; IBAN : CZ28 0800 0000 0019 3019 4379 ; BIC : GIBACZPX ; the owner of the account: AGRICOLA, Prague, Czech Republic

I confirm herewith that I shall pay the total sum in CASH at the registration desk after my arrival to Příbram

ACCOMMODATION

in PRAGUE:

X I ask you to ensure my/our accommodation in the hotel KRYSTAL

ARRIVAL : October DEPARTURE: October

X I shall ensure my accommodation myself

at PŘÍBRAM: ARRIVAL : October DEPARTURE: October

X I shall ensure my accommodation myself

(ATTENTION: hotels at Přeboram DIRECTLY unavailable because of central pre-reservations assured by the Symposium secretariat)

ABSTRACT(S) OF PAPER(S) or SHORT COMMUNICATIONS:

x already sent

x enclosed

x will be sent before –
the title(s) of the paper(s):

the title(s) of the short communication(s):

Other special wishes, comments or remarks:

Signature: