

**UNIVERSITY OF PARDUBICE**

**Faculty of Chemical Technology**

*Institute of Energetic Materials*

**CZ-532 10 Pardubice**

*<http://www.ntrem.com>*

***FRAMEWORK PROGRAMME***

*of the activities associated with*

**the ninth Seminar**

**„NEW TRENDS IN RESEARCH OF ENERGETIC  
MATERIALS“**



***NTREM 2006***

**held at the University of Pardubice**

Pardubice, the Czech Republic

**April 19- 21, 2006**

*intended as a meeting of students, postgraduate students, university teachers and young research and development workers, with interest in energetic materials*

# 9<sup>TH</sup> INTERNATIONAL SEMINAR

## “NEW TRENDS IN RESEARCH OF ENERGETIC MATERIALS”

The ninth consecutive Seminar on new trends in research of energetic materials (EMs) is intended to be an international meeting of *young* people and university teachers working in the field of teaching, research, development, processing, analysing and application of all kinds of energetic materials. This meeting will be systematically focused on the topics of **Testing/Measurement Techniques applicable to Energetic Materials** but attention will also be devoted to other problems related to energetic materials. It will not only be aimed at the exchange of professional information but also to create a pleasant meeting where young specialists from different countries will have the opportunity to meet and gain personal contacts.

The organization arrangement of the Seminar is provided by the Institute of Energetic Materials University of Pardubice in the University Hall.

**The official language** of the Seminar is **English** and all contributions shall be presented and written exclusively in the English language.

**Registration fee:** *Students and young researchers* free of charge, *other* free of charge, voluntary donation of 100 EUR to help co-sponsor the seminar would be greatly appreciated. The expenses, related with participation at the Seminar, are fully covered by the participants

**Passports and visas:** the visitors from most countries need valid passport when entering Czech Republic. Citizens of some countries (Russia, China, Canada, Turkey, India, and Ukraine) require entry visas. Please contact the Czech Embassy or consulate in your country for more information.

### Chairman of the Seminar:

Prof. Svatopluk Zeman, D.Sc.

### Scientific Committee:

Chairman of the Committee:

Dr. Adam Cumming (DSTL, Sevenoaks, U.K.)

Members of the Committee:

Prof. Ang How-Ghee	(Nanyang Technological University, Singapore)
Dr. Anthony J. Bellamy	(Cranfield Univ, UK)
Dr. Yuri M. Burov	(Russian Academy of Sciences, Chernogolovka)
Dr. Stanislaw Cudzilo	(Military Univ. Technol., Warsaw, Poland)
Prof. Manfred Held	(EADS/TDW, Schrobenhausen, Germany)
Dr. David Jones	(CERL, Ottawa, Canada)
Prof. Mikhail Ilyushin	(St. Petersburg State Inst. of Technol., Russia)
Prof. Thomas Klapoetke	(Ludwig-Maximilians-Universität München)
Prof. Michel Lefevre	(Royal Military Academy, Belgium)
Prof. František Ludvík	(Univ. of Defence, Brno, Czech Rep.)
Prof. Andrzej Maranda	(Military Univ. Technol., Warsaw, Poland)
Dr. Henric Östmark	(FOI, Tumba, Sweden)
Prof. Peter Politzer	(Univ. of New Orleans, USA)
Dr. William G. Proud	(Cavendish Lab., Cambridge, U.K.)
Prof. Valerii P. Sinditskii	(Mendeleev Univ. of Chem. Technol., Moscow)
Prof. Igor Tselinskii	(St. Petersburg State Inst. of Technol., Russia)
Prof. Yuanjie SHU	(Inst. of Chem. Materials, CAEP, Sichuan, China)
Dr. Muhamed Sućeska	(Brodarski Inst., Zagreb, Croatia)
Prof. Waldemar A. Trzciński	(Military Univ. Technol., Warsaw, Poland)
Assoc. Prof. Pavel Vávra	(Univ. of Pardubice, Czech Rep.)
Dr. Woodward Waesche	(SAIC, Gainesville, USA)

## Organizing Committee

Chairman of the Committee:

Assoc. Prof. Břetislav Janovský (*IEM, Univ. of Pardubice, Czech Rep.*)

Members of the Committee:

Assoc. Prof. Ladislav Lehký (*Explosia, Ltd., Pardubice*)  
Dr. Jan Jakubko (*Indet Safety Systems, Vsetín*)  
Dr. Marcela Jungová (*IEM, Univ. of Pardubice, Czech Rep.*)  
Dr. Pavel Valenta (*Austin Detonator, Vsetín*)  
Dr. Iva Ulbrichová (*Dean Office, University of Pardubice*)

## Affiliated activity:

The second meeting of the Editorial Board of the journal *CENTRAL EUROPEAN JOURNAL OF ENERGETIC MATERIALS (CEJEM, ISSN 1733-7178)* will be realized on **April 18, 2006**, together with the first meeting of Scientific Committee of the 9<sup>th</sup> NTREM, at **6 p.m.** in Pardubice.

## Editorial Board of the CEJEM

Andrzej Maranda – *chairman*

Svatopluk Zeman – *vice chairman*

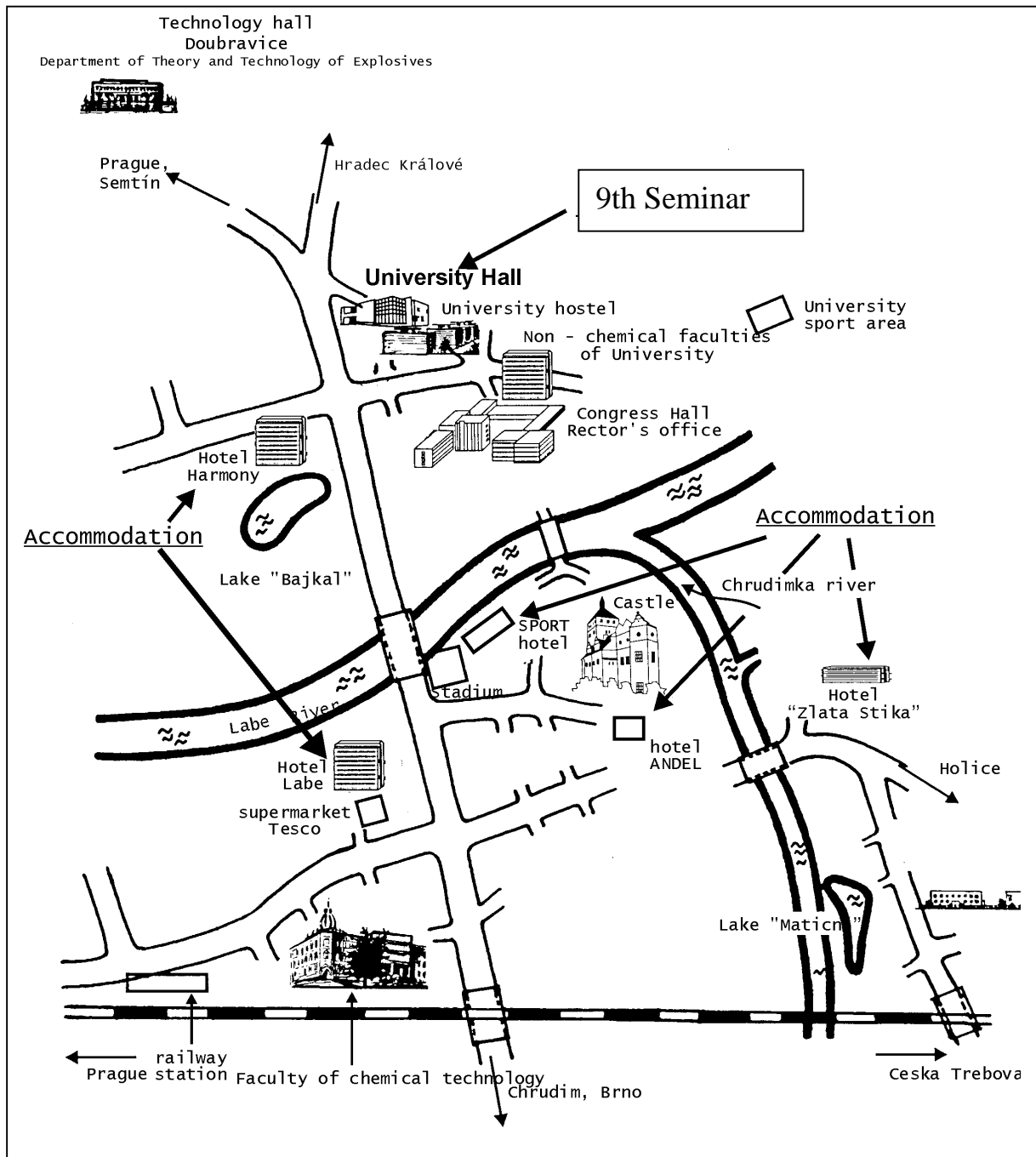
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Karol Balog *Slovak University of Technology Bratislava, Slovak Republic*  
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Zdeněk Friedl *University of Technology, Brno, Czech Republic*  
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Waldemar Witkowski *Institute of Industrial Organic Chemistry, Warsaw, Poland*  
Svatopluk Zeman *University of Pardubice, Czech Rep.*

Editorial Staff:

Wanda Karaś *Managing Editor, Inst. of Industrial Organic Chemistry, Warsaw*  
Bogusława Choinka

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# 9<sup>th</sup> SEMINAR - orientation map – town PARDUBICE



## LECTURE PROGRAM OF THE 9<sup>TH</sup> NTREM – Wednesday April 19<sup>th</sup>

### 08:40 Opening of Seminar

#### *1. Session*

09:00 10:45 Lectures

10:45 - 11:10 Coffee break

11:10 12:30 Lectures

12:30-13:50 LUNCH BREAK

#### *2. Session*

14:00 15:20 Lectures

15:20 – 15:40 Coffee break

15:40 17:40 Lectures

## LECTURE PROGRAM OF THE 9<sup>TH</sup> NTREM – Thursday April 20<sup>th</sup>

#### *3. Session*

09:00 10:45 Lectures

10:45 - 11:10 Coffee break

11:10 12:30 Lectures

12:30-13:50 LUNCH BREAK

#### *4. Session*

14:00 15:00 Lectures

15:00 – 15:20 Coffee break

15:00 – 17:00 POSTER SESSION

18:00 - 22:00 SPECIAL PROGRAM (*at Pardubice's Castle*)

## LECTURE PROGRAM OF THE 9<sup>TH</sup> NTREM – Friday April 21<sup>st</sup>

#### *5. Session*

09:00 10:45 Lectures

10:45 - 11:10 Coffee break

11:10 12:50 Lectures

**12:50 CLOSING REMARKS including PRIZES AWARDING**

**FULL PAPERS** in electronic version (*Word 95 or 97*) **must be submitted prior to Feb. 20<sup>th</sup>, 2006** to be considered for inclusion in the Seminar. The submission of papers via E-mail (to adress - [seminar@ntrem.com](mailto:seminar@ntrem.com)) is strongly preferred. Selection of papers for oral and poster presentation will be made until the end of Feb. 2004. **Detailed program** of the Seminar will be sent to the registered contributors **by March 25<sup>th</sup>, 2006.**

**PROCEEDINGS** of the presented contributions will be prepared by the organizers of the Seminar by the date of its opening; price of the proceedings will be about 1500.- CZK (i. e. ~ \$63.-) printed version and 350.- CZK (i. e. \$14.50) CD version – the prices are valid in time of the Seminar. The Proceedings will be provided to the main authors free of charge.

**Please, monitor the Web sites [http:// www.ntrem.com](http://www.ntrem.com)**

**ACCOMMODATION:** on the basis of experience from previous Seminars, the participants will have to make reservation themselves. The accommodation is possible in hotels in the center of Pardubice (*see map enclosed*):

Hotel LABE: phone: 00420 46 6535359  
fax: 00420 46 6535358  
E-mail: rezervace@hotellabe.cz  
approximate prices/night: 1300.- CZK (\$54) single room  
1800.- CZK (\$75/one person)  
apartments  
approx. 10 min. walk from the University Hall

Hotel HARMONY: phone/fax: 00420 46 643 5020  
00420 46 643 5025  
E-mail: hotel@harmony-pce.cz  
recepce@harmony-pce.cz  
approximate prices/night: 690.- CZK (\$28) single room  
840.- CZK (\$35) double room  
approx. 3 min. walk from the University Hall

Hotel ZLATA STIKA: phone: 00420 46 6613478  
fax: 00420 46 6052130  
E-mail: zlata@stika.cz  
approximate prices/night: 2500-3500 CZK (\$104-\$145) apartments  
1600.- CZK (\$66) single room  
1800.- CZK (\$75) double room  
approx. 25 min. walk from the University Hall

Hotel "U Sv. ANDELA" (Holy Angel):  
phone: 00420 46 653 56 56  
fax: 00420 46 651 15 75  
approximate prices/night: 1000.- CZK (\$42) single room  
1700.- CZK (\$71) apartments  
approx. 25 min. walk from the University Hall

Hotel SPORHOTEL:  
phone: 00420 46 651 22 21  
fax: 00420 46 651 20 62  
approximate prices/night: 750.- CZK (\$31) single room  
880.- CZK (\$37) double room  
approx. 10 min. walk from the University Hall

Notes: *price of one meal is about 200.-CZK (i. e. ~\$8.30)*

**THE CONTACT ADDRESS for registration and further information:**

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CZECH REPUBLIC, European Union

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