

## Announcement

The Croatian Chemical Society  
and the Croatian Society of Chemical Engineers are organizing the

### 19<sup>th</sup> Croatian Meeting of Chemists and Chemical Engineers

which will be held in Opatija, Grand Hotel Adriatic, from April 24 to 27, 2005. The Meeting is devoted to the entire area of chemistry and chemical engineering, covering scientific research, development, industrial practice and education. The programme includes plenary lectures, invited lectures, oral communications, posters and poster flash presentations.

Activities of the Meeting are organized in the following sections:

**Inorganic and solid state chemistry**  
**Organic chemistry and biochemistry**  
**Physical chemistry**  
**Theoretical chemistry**  
**Analytical chemistry**  
**Reaction engineering**  
**Mechanical, thermal and separation processes**  
**Analysis, synthesis and process control**  
**Biochemical engineering**  
**Materials science**  
**Environmental protection**  
**Education**

#### Confirmed plenary lectures:

Richard R. Ernst, Switzerland:

*NMR and its Nobel Glory*

Kurt Faber, Austria:

*Asymmetric Total Synthesis of Natural Products Using Enzyme-Triggered Cascade-Reactions*

Pio Forzatti, Italy:

*NO<sub>x</sub> Removal Catalysis*

Michael Ibba, USA:

*Aminoacyl-tRNA Synthesis and the Evolution of the Genetic Code*

Guy B. Marin, Belgium:

*A Quantitative Description of Pore Mouth and Key Lock Shape Selectivity in Zeolite Catalysis*

Achim Müller, Germany:

*Properties / Dynamics of Confined Matter: Nanoporous Capsules Show the Route*

Giuseppe Zanotti, Italy:

*Towards the Understanding of Molecular and Structural Aspects of Helicobacter pylori Virulence*

Mladen Žinić, Croatia:

*Supramolecular Chemistry of Gels. Stereochemistry of Gel Assemblies*

### **Confirmed invited lectures:**

Fabio Benedetti, Italy:

*Stereoselective Approaches to Dipeptide Isosteres and HIV-PR Inhibitors*

Tomislav Cvitaš, Croatia:

*Novi pristup stehiometrijskom računu*

Jiří Matoušek, Czech Republic:

*Chemical Disarmament: Current Problems in Implementing the Chemical Weapons Convention*

Nils Metzler-Nolte, Germany:

*Labelling of Bioactive Peptides with Organometallic Compounds: Solid Phase Synthesis and Applications*

Žarko Olujić, The Netherlands:

*Augmenting / Replacing Distillation by Membranes: Developments and Prospects*

Vladimir Rapić, Croatia:

*Nomenklatura organske kemije – 20 godina »Plave knjige«*

### **Scientific and Organizing Committee**

S. Tomić-Pisarović (chairwoman), M. Dumić, N. Galić, Š. Horvat, D. Matković-Čalogović, V. Rapić, M. Rogošić, V. Tomašić, V. Tomišić and S. Valić

### **Local Organizing Committee**

S. Valić (chairman), B. Blagović and J. Varljen

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