



## Partner Institutions

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### Macedonia

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## Participants

### German Delegation

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Jessica Kohnke

Sabine Langkau

Benjamin März

Christiane Stephan

### Romanian Delegation

Prof. Dr. Luminita Silaghi-Dumitrescu

Prof. Dr. Iovanca Haiduc

Imola Bartok

Adrian-Ionut Cadis

Monica Circu

Iudit Filip

Katalin Miklos

### Macedonian Participants

Prof. Dr. Gligor Jovanovski

Prof. Dr. Slobotka Aleksovska

Prof. Dr. Ivan Grozdanov

Ass. Prof. Dr. Emil Popovski

Ass. Prof. Dr. Metodija Najdoski

Ass. Prof. Dr. Ljupčo Pejov

Ass. Prof. Dr. Valentin Mirčevski

Petre Makreski

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Toni Todorovski

Ana Mateska

Violeta Šontevska

Gjorgji Petruševski

Vangelica Popovska

Bisera Janevska

Elena Stankovska

Milena Taseska

## Intensive Lecture Course at the Sts. Cyril and Methodius University

**27<sup>th</sup> to 31<sup>st</sup> March 2006**



Stabilitätspakt für Südosteuropa  
Gefördert durch Deutschland  
Stability Pact for South Eastern Europe  
Sponsored by Germany

## Programme

### Monday, 27<sup>th</sup> March

Arrival of the Guests in Skopje  
Sight-seeing

### Tuesday, 28<sup>th</sup> March

10.00 - 11.30 a.m.

**Prof. Dr. Gligor Jovanovski**

Complementary Use of Vibrational Spectroscopy and Powder X-ray Diffraction in Mineral Identification and Detection Purposes

Structure of the Commercial Sweetener Sodium Saccharinate•1.875 Hydrate with Gigantic Modulated Unit Cell

11.30 - 12.00 a.m. *Coffee Break*

12.00 a.m. - 1.00 p.m.

**Prof. Dr. Slobotka Aleksovska**

Progress in the Investigation of Perovskite-type Compounds

*Lunch break*

2.30 - 4.00 p.m.

**Prof. Dr. Ivan Grozdanov**

Sodium Thiosulphate and Sodium Selenosulfate as Precursors for Thin Solid Films

Potential Novel Applications of Thin Solid Films

4.00 - 4.30 p.m. *Coffee Break*

4.30 - 5.15 p.m.

**Ass. Prof. Dr. Metodija Najdovski**

Chemical Bath Methods for the Preparation of Chalcogenide Thin Films

### Wednesday, 29<sup>th</sup> March

10.00 - 10.45 a.m.

**Ass. Prof. Dr. Ljupco Pejov**

Sequential Monte-Carlo (Molecular Dynamics) – Quantum Mechanical Studies of Multi-particle Systems Relevant to Molecular Sciences and Technology

10.45 - 11.00 a.m. *Coffee Break*

11.00 - 12.30 a.m.

**Prof. Dr. Luminita Silaghi-Dumitrescu**

Catalysis/ Structural Chemistry of Organometallic Compounds

*Lunch Break*

2.00 - 3.30 p.m.

**Prof. Dr. Evamarie Hey-Hawkins**

Homogeneous Catalysis in Industry, Organic Synthesis and Nature

3.30 - 4.00 a.m. *Coffee Break*

4.00 - 5.30 p.m.

**Ass. Prof. Valentin Mirceski**

Electrocatalysis: Studying Catalytic Redox Reactions with Electrochemical Methods  
Catalytic Properties of Liquid-Liquid Interface: From Facilitated Ion Transfer to Catalytic Properties of Metal Nanoparticles toward Electron Transfer Reactions at the Liquid-Liquid Interface

### Thursday, 30<sup>th</sup> March

10.00 - 11.30 a.m.

**Prof. Dr. Berthold Kersting**

Synthesis and Properties of Container Molecules and their Applications in Supramolecular Chemistry

Binuclear Complexes as Building Blocks for Molecular-Based Magnetic Materials

12.00 a.m. - 1.00 p.m.

**Prof. Dr. Iovanca Haiduc**

Twelve Principles of Green Chemistry

*Lunch Break*

**Tour in and around Skopje  
Get Together in the Evening**

### Friday, 31<sup>st</sup> March

Sight-seeing  
Departure of the Guests