

## NEWS ITEM

### **II International Symposium Mechanism of Heterogeneous Catalysis – Quantum Chemical Approach**

*Zakopane, Poland, October 2-9 1988*

(following the Ist meeting which took place in Lyon in 1986)

*Organized by: Institute of Catalysis and Surface Chemistry, Polish Academy of  
Sciences, ul. Niezapominajek, 30 239 Krakow, Poland*

#### **Organizing Committee**

Prof. dr. Jerzy Haber, Chairman

Dr Malgorzata Witko, Secretary

#### **SCIENTIFIC PROGRAMME**

The scientific programme starts on Tuesday, October 4, 9 a.m. The lectures (60 minutes and discussion) will be delivered by invited speakers only. Other contributions will be presented at poster sessions and/or as oral presentations (30 minutes including discussion).

#### **LIST OF PLENARY LECTURES**

A.B. Anderson (USA)

Quantum theory of chemisorption

B. Bigot (France)

Interactions between metal surface and gaseous molecules

J.O. Bovin (Sweden)

Real time video recordings of structural rearrangements in small metal crystals

G. Ertl (FRG)

Surface science and catalysis

C.M. Friend (USA)

Organometallic surface chemistry

W.A. Goddard (USA)

Quantum chemistry, its applications and limitations in the field of catalysis

J. Haber (Poland)

Catalysis-an interdisciplinary problem

V.B. Kazansky (USSR)

Acid-base interactions in catalysis

R.F. Nalewajski (Poland)

General relations between atomic and molecular sensitivities, and their applications in chemistry

R.A. van Santen (The Netherlands)

Symmetry rules in chemisorption

J. Sauer (GDR)

Acidic sites in heterogeneous catalysis (Structure-property-activity, relations revealed by quantum chemical calculations)

E. Shusteroich (USA)

Quantum chemical description of the metal surface and its catalytic activity

A. Veillard (France)

Ab initio calculations: a tool for studying homogeneous catalysis mechanism?

For further information please contact Dr Malgorzata Witko, "Mechanism of Heterogeneous Catalysis – Quantum Chemical Approach", ul. Niezapominajek, 30 239 Krakow, Poland, Phone (12) 22 57 27, Telex 0325702 ikat pl