

PROCEEDINGS OF THE 10th INTERNATIONAL  
CONGRESS ON CATALYSIS • PART A

*New frontiers  
in catalysis*

EDITED by L. GUCZI, F. SOLYMOSI, P. TÉTÉNYI



BUDAPEST '92

AKADÉMIAI KIADÓ, BUDAPEST

# NEW FRONTIERS IN CATALYSIS

Proceedings of the 10th International Congress  
on Catalysis,  
Budapest, 19–24 July, 1992

## PART A

Editors

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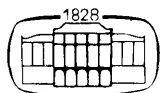
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## PREFACE

The Tenth International Congress on Catalysis was held in Hungary, Budapest, July 19-24, 1992 under the auspices of the Council of the Congress on Catalysis, the Hungarian Academy of Sciences, the Chemical Society of Hungary and the International Union of Pure and Applied Chemistry. Z. G. Szabó was the Honorary Chairman and P. Tétényi and F. Nagy served as the Chairman and Co-Chairman, respectively. The Organizing Committee included L. Guzzi (Chair), A. Sárkány (Secretary) M. Bartók, P. Fejes, Gy. Gáti, D. Kalló, J. Margitfalvi, L. Markó, Z. Paál, J. Petró and F. Solymosi.

More than 1000 delegates (including local organizers) attended the Congress which was headquartered in the Budapest Convention Centre located in the pleasant hills of the Buda part of the Hungarian capital. As has been the tradition in previous Congresses, this Congress was divided into two parallel sessions with 105 oral presentations and two further sessions in which 360 posters were displayed. All these presentations and posters were chosen by the Paper Selection Committee from the approximately 800 abstracts that were submitted. The theme of the Congress was "New Frontiers in Catalysis". Judging from the lively discussions (on the average 9 per oral presentation) this theme was of considerable interest to the participants. Both the papers selected for oral presentation (together with discussions) and those in the poster sessions are contained in these Proceedings.

We are grateful to the outstanding scientists who accepted our invitation to present the 6 plenary lectures that introduced the various topics covered in the Congress.

Generous financial contributions from the Council of the European Communities and many institutions and corporations made it possible for about 80 scientists from Central and Eastern Europe, the EC countries, China, USA and India to participate in the Congress. Several students were also able to attend because they were allowed to pay a reduced registration fee.

Social events including receptions, a Congress banquet, a concert, sightseeing tours and excursions were organized to make the stay of our foreign guests more enjoyable.

The Organizers are deeply indebted to the scientists from 42 countries who accepted our invitation to come to Hungary and make the Congress yet another outstanding success in the 40 year tradition of such events. We hope you enjoyed the meeting and will find these Proceedings a valuable addition to your catalysis library. Our best wishes go to the Organizers of the Eleventh International Congress on Catalysis which will be held during July 1996 in Baltimore, Maryland in the United States.

Budapest, December 1992

The Editors

## CONTENTS

## PART A

Preface . . . . .	V
Catalysis: Past, Present and Future	
<i>J. A. Rabo</i> . . . . .	1
Interfacial Coordination Chemistry: Concepts and Relevance to Catalysis Phenomena	
<i>M. Che</i> . . . . .	31
New Catalytic Aspects of Heteropolyacids and Related Compounds - To the Molecular Design of Practical Catalysts	
<i>M. Misono</i> . . . . .	69
The Catalytic Conversion of Methane to Oxygenates and Higher Hydrocarbons	
<i>J.H. Lunsford</i> . . . . .	103
New Reactions in Various Fields and Production of Specialty Chemicals	
<i>W.F. Hölderich</i> . . . . .	127
Structure-Function Relationships in Heterogeneous Catalysis: The Embedded Surface Molecule Approach and its Applications	
<i>P. Johnston and R. W. Joyner</i> . . . . .	165
Isotopic Tracer Studies of Chain Propagation and Termination during Fischer-Tropsch Synthesis over Ru/TiO <sub>2</sub>	
<i>K. R. Krishna and A. T. Bell</i> . . . . .	181
Liquid Phase Oxidation of Glyoxal to Glyoxylic Acid by Air on Platinum Catalysts	
<i>P. Gallezot, F. Fache, R. de Mesanstowne, Y. Christidis, G. Mattioda and A. Schouteeten</i> . . . . .	195
The Effect of Oxygen Binding Energy on the Selective Oxidation of Butane over V/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub>	
<i>P. J. Andersen and H. H. Kung</i> . . . . .	205
Secondary Oxygen Exchange Reactions during the Partial Oxidation of Methane	
<i>M. M. Koranne, J. G. Goodwin, Jr. and G. Marcelin</i> . . . . .	219
Role of Free Radicals in Heterogeneous Complete Oxidation of Organic Compounds over IV Period Transition Metal Oxides	
<i>Z. R. Ismagilov, S. N. Pak, L. G. Krishtopa and V. K. Yermolaev</i> . . . . .	231
<sup>1</sup> H Broad-Line NMR at 4 K for Studying the Acidity of Solids: Application to Zeolites	
<i>P. Batamack, C. Doremieux-Morin and J. Fraissard</i> . . . . .	243
Preparation of Bifunctional Catalysts by Solid-State Ion Exchange in Zeolites and Catalytic Tests	
<i>H. G. Karge, Y. Zhang and H.K. Beyer</i> . . . . .	257
Transition Metal/Zeolite Catalysts by Design: Nucleation and Growth of Mono- and Bimetallic Particles in Zeolite Y	
<i>W. M. H. Sachtiler, Z. Zhang, A. Yu. Stakheev and J. S. Feeley</i> . . . . .	271
Promotion of H-ZSM-5 by Alumina	
<i>J. Völter, H. D. Lanh, B. Parltitz, E. Schreier and K. Ulbricht</i> . . . . .	283
The Effect of Preparation Method on Metal-Support Interaction in Pd/L-Zeolite Catalysts	
<i>G. Larsen and G. L. Haller</i> . . . . .	297
On the Nature of Superactive Centers in H-FeZSM-5 Zeolites. Quantum-Chemical Calculations	
<i>M. J. Filatov, A. G. Pelmenschikov and G. M. Zhidomirov</i> . . . . .	311

CO <sub>2</sub> Hydrogenation over Platinum Group Metals Supported on CeO <sub>2</sub> : Evidence for a Transient Metal-Support Interaction	
<i>A. Trovarelli, G. Dolcetti, C. de Leitenburg and J. Kaspar</i> . . . . .	2781
Potassium Promotion of Cu-ZnO-Al <sub>2</sub> O <sub>3</sub> Catalysts for Higher Alcohol Synthesis	
<i>I. Boz, D. Chadwick, I. S. Metcalfe and K. Zheng</i> . . . . .	2785
Conversion of Syngas to Aromatic Hydrocarbons on Cobalt-Manganese-Zeolite Catalysts	
<i>G. Bäurle, K. Guse, M. Lohrengel and H. Papp</i> . . . . .	2789
Light Olefins Formation from Syngas over ZrO <sub>2</sub> -ZnO Catalysts	
<i>W. Zhang, R. Gao, G. Su and Y. Yin</i> . . . . .	2793
High Selectivity of Diesel Fraction in Fischer-Tropsch Synthesis with Co/Nb <sub>2</sub> O <sub>5</sub>	
<i>A. Frydman, R. R. Soares and M. Schmal</i> . . . . .	2797
The Catalytic Behavior of Some Zr-Ni-Co-Cu-Ru Intermetallic Compounds in Fischer Tropsch Reactions	
<i>I. R. Harris, I. T. Caga, A. Y. Tata and J. M. Winterbottom</i> . . . . .	2801
X-Ray Powder Diffraction In Situ Characterisation of the (Cu, Zn, Al)-Hydrotalcite Phase in Cu-ZnO-Al <sub>2</sub> O <sub>3</sub> -Catalysts Highly Active in Methanol Synthesis	
<i>K. Richter, W. Kraus, G. Nolze and B. Peplinski</i> . . . . .	2805
Catalyst Component Interactions in Ag-Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalyst for Carbon Oxygenate Synthesis	
<i>E. Kis, G. Lomic, G. Boskovic, R. Neducin and P. Putanov</i> . . . . .	2809
Cobalt Reducibility and Magnesium Promotion in Silica-Supported Fischer-Tropsch Catalysts	
<i>I. Puskás, T. H. Fleisch, J. B. Hall, B. L. Meyers and R. T. Roginski</i> . . . . .	2813
Transient Response Study of the Oxidation and Hydrogenation of Carbon Monoxide Adsorbed on Pd/Al <sub>2</sub> O <sub>3</sub>	
<i>G. Kadinov, S. Todorova and A. Palazov</i> . . . . .	2817
Higher Alcohol Synthesis over Functionalized Solid-Base Catalysts from Methanol as a Building Block	
<i>W. Ueda, T. Ohshida, T. Kuwabara and Y. Morikawa</i> . . . . .	2821
In Situ <sup>1</sup> H NMR Study of the Adsorption of Hydrogen and Formic Acid on Copper Based Methanol Synthesis Catalysts	
<i>A. Bendada, J. B. C. Cobb, B. T. Heaton and J. A. Iggo</i> . . . . .	2825
Isomerisation of Long-Chain n-Alkanes on Pt/H-ZSM-22 and Pt/H-Y Zeolite Catalysts and on their Intimate Mixtures	
<i>J. A. Martens, L. Uytterhoeven, P. A. Jacobs and G. F. Froment</i> . . . . .	2829
Kinetics of Bimodal Grain Size Distribution of a Ni Catalyst During Hydrogenation of CO	
<i>M. Kolb, M. Agnelli and C. Mirodatos</i> . . . . .	2833
Critical Point Properties of the Surface Structure During CO Oxidation	
<i>M. Kolb</i> . . . . .	2837
Selectivity Effects Related with Reaction Mechanism and Diffusion Limitations over Deactivating Catalysts	
<i>K. Kumbilieva, S. L. Kiperman and L. Petrov</i> . . . . .	2841
Author index . . . . .	2845