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CATALYSIS AND AUTOMOTIVE POLLUTION CONTROL III

**Proceedings of the Third International Symposium (CAPoC 3),
Brussels, Belgium, April 20-22, 1994**

Editors

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FOREWORD

This Congress is the third edition of a series of Symposia devoted to the use of catalysis for the depollution of the exhaust gases of motor vehicles.

As the first two of these meetings, it took place at the « Université Libre de Bruxelles », April 20-22, 1994.

In spite of the number of years that catalysts started to be developed for this purpose (from the early seventies) the important economical impact of the problem makes it still a topic of the day. This is namely revealed by the increasing number of submitted, accepted and published papers, as it appears in the following table:

Papers	Submitted	Accepted	Presented and published	General Lectures.
CAPoC 1	38	-	28	9
CAPoC 2	66	42	34	4
CAPoC 3	131	79	67	4

It has been a hard task for the paper selection committee to select the proposed presentations. The high quality of the submitted extended abstracts lead this committee to accept for presentation 79 papers from the 131 ones submitted. In practice, from the accepted papers, 12 were not delivered. This was due to the impossibility of some authors to attend the meeting. These papers are not published in the proceedings.

The very large number of accepted communications resulted in the organization of a poster session. Anyway, as announced in the circulars, no discrimination is made in these proceedings between the communications presented orally or as a poster.

In these proceedings, the papers are grouped into the following headings:

1. Model reactions and model catalysts.
2. Substrates and washcoat technologies
3. Gasoline catalysts technologies
4. Diesel catalyst technologies
5. Lean NO_x catalyst technologies
6. Catalyst ageing and poisoning
7. Alternative fuels and appropriate catalysts
8. Miscellaneous

It is interesting to notice that 25 presented and published papers are coming from industries, and 42 from Universities and Research Institutes.

On the other hand the number of registered and invited participants was of 279, within which the number of academic people (79 from Universities + 40 from Research Institutes) and industrial representatives (133) was about equivalent. Most of these participants came from western Europe: France (71), Belgium (51), Germany (33), Great Britain (27), The Netherlands (17), Sweden (14), Italy (10), Spain (4), Finland (4), Luxembourg (3), Denmark(1), Greece (1), Ireland (1).

Only 8 participants were from the former east block: Hungary (6), Russia(1), Roumania (1).

Eighteen participants came from the U.S.A. and finally let us mention 4 attendants from Australia, 2 from Japan and one from South Africa and from Argentina.

The large number of answers to the questionnaire distributed to the participants at the end of the Congress contained strong encouragement to continue the series of these « CAPoC » meetings.

The organizers.

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ACKNOWLEDGMENTS

The organizers are indebted to the authorities of the « Université Libre de Bruxelles » for their hospitality and for the welcome address made by the representative of the Rector of the University.

They also greatly appreciate the cooperation of the members of the organizing committee and the paper selection committee, namely for their important contribution in selecting the proposed papers.

Special thanks are due to all lecturers of the introductory session: K.C.Taylor, K.P. de Jong, P. Z. Eyzat and D. Savey for the high quality of their contribution.

It is also a pleasant duty to thank all the members of the « Laboratoire de Catalyse Hétérogène » of the Université Libre de Bruxelles for their help in organizing this congress. We are in particular very much indebted to Béatrice Depuydt-Parmentier and Axel Löfberg for their continuous active involvement in solving various material problems.

The organizers want to recognize the important, but sometimes hidden, contribution of Mrs.Frennet to the succes of the symposium.

The scientific quality of the Congress is certainly for an important part due to the quality of the contributions of both the authors and the participants in the discussions. They all contributed to the success of the Congress. Thanks to all of them.

The organizers.

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