

## ANNOUNCEMENTS

### FIFTH INTERNATIONAL SYMPOSIUM

'SCIENTIFIC BASES FOR THE PREPARATION OF HETEROGENEOUS CATALYSTS', September 3-6 1990, Louvain-la-Neuve, Belgium

As for the previous ones, the FIFTH SYMPOSIUM will be devoted to scientific aspects involved in the preparation of real, industrial catalysts.

Communications dealing with the following topics will be considered:

- . scientific analysis of the problems related to catalyst upscaling from laboratory specimen to industrial product;
- . new methods of preparation or modification of industrial supports and catalyst carriers, as e.g. surface modification of zeolite catalysts, lattice substitution in zeolite molecular sieves, pore inclusions and pore mouth modulation of both crystalline and amorphous supports;
- . structural, textural and chemical modifications of supports for industrial catalysts;
- . scientific design of heterogeneous catalysts for synthesis of chemical commodities and fine chemicals;
- . scientific design of two-phase, hybrid or mosaic catalysts;
- . scientific design of catalysts for activation of light alkanes, including methane;
- . pillaring of clays and other layered compounds with potential use as new industrial catalysts or supports;
- . transformation of massive catalysts of the oxidic or sulfidic type into supported ones.

The Organizing Committee would particularly welcome communications submitted by industrial laboratories.

The persons who want to contribute a paper should submit an extended abstract (two typewritten pages) no later than November 1, 1989 at the following address:

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