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**SELECTED PAPERS OF
THE SIXTH ITALIAN CONFERENCE ON CHEMICAL
AND PROCESS ENGINEERING**

An event of AIDIC , the Italian Association of Chemical Engineering

ICheaP-6, 8-11 June, 2003, Pisa, Italy

Edited by

Sauro Pierucci
CMIC, Politecnico di Milano
Piazza L. da Vinci 32
I-20133 Milano, Italy

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Preface

This volume contains papers selected among those ones presented at ICheaP-6 Conference, held in Pisa, Italy, 8-11 June 2003.

ICheaP-6 is the sixth event in a series of biannual events started in 1993 with "the first Italian Conference on Chemical and Process Engineering" organized by AIDIC, the Italian Association of Chemical Engineering.

ICheaP-6 aims to exchange up-to-the minute information on industrial needs, new technology developments and research opportunities. Moreover the International reputation of ICheaP series makes today ICheaP-6 an Italian opportunity offered to an International Participation. The official language is, since ever, English.

This Volume publishes 38 papers selected by the International Scientific Committee over more than 300 presented at ICheaP-6 Conference.

The conference technical program flew with 4 parallel sessions.

A permanent Poster Session was organized for the whole duration of the Conference.

A Plenary Lecture presented by Prof. Jean-Claude Charpentier (EFCE President- École Supérieure de Chimie, France) opened the Technical Program .

The International Scientific Committee was strongly supported by representatives of AIDIC's Subject Divisions and an equally balanced group of experts has been formed to take care of the hard task of refereeing and the setting up of the technical program. The Organizing Committee faced the hard job of managing the participation of all the delegates arriving from all over the world. AIDIC acknowledges the contributions of the Committees as well as the support offered by the Sponsors and hopes that a satisfaction for all of them will be highly recognized.

Finally AIDIC hopes that the publication of this volume will serve as valuable reference document to the scientific and industrial community and that will contribute to the progress in Chemical Engineering.

ICheaP-6 Topics

REACTION ENGINEERING
PARTICLE TECHNOLOGY
ENVIRONMENT, SAFETY, ENERGY, QUALITY
PROCESS SYSTEM ENGINEERING
SEPARATION TECHNOLOGY AND
TRANSFER
INDUSTRIAL FLUID FLOW
FOOD & BIOTECHNOLOGY
THERMODYNAMICS AND INTERFACIAL
PHENOMENA
PROCESS INDUSTRY
PRODUCTION AND PROPERTIES OF
MATERIALS

Sauro Pierucci

(ICheaP-6 Scientific Committee Chairman, AIDIC vice President)

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