

INSTEAD OF INTRODUCTION

It was an intention of organizers of the International Conference on Computer Integrated Manufacturing to create the possibility of meeting for two groups of scientist: designers of machines and specialists on manufacturing of machines. Just they are working in two main fields of engineering which makes the base of developing the CIM. Respectively the proper development of CIM depends mainly on the level of both the mentioned fields, but not only. This is necessary to discuss conditions of integrating elements of these fields which were developing up to present practically independently. We hope the CIM'92 Conference gives such an opportunity.

The reviewers have qualified into the Conference program 74 papers. 52 of them have been published in this Bulletin No. 108 and the other of them will be published in the next, the 109th Bulletin in series 'Mechanics'.

All the papers have been divided into the following subject groups:

- Methodical Design: 8 papers
- Design for Production: 9 papers
- Design for Robots: 8 papers
- CAD Applications: 11 papers
- CAD/CAM Systems: 11 papers
- Expert Systems: 15 papers
- CIM Solutions: 12 papers

The Conference CIM'92 is a continuation of colloquia which were organized as one of the forms of our collaboration with the Technical University of Magdeburg (Germany). The last one, 15th Colloquium was held in May 1991 in Königsutter. So that the present meeting is the 16th scientific meeting in this series.

In the Conference the group of our colleagues from Italian Universities is taking part as well in frames of a cycle of seminars. The last one of these seminars was organized in November 1991 in Naples (Italy).

Now I would like to thank the Authorities of the Silesian Technical University, the members of the Committees: Programming an Organizing as well as the Supervisors for their help in organizing the CIM'92 Conference.

Thank also you all who add splendor our Conference by taking part in it.

And at last but not least I wish you very fruitful debates. I am sure that the present meeting will provide the development of CIM as well as will establish new ones and force existing interpersonal and international connections between the participants of the Conference.

Gliwice, 10th March, 1992

Prof. Ryszard Knosala
Chairman of the Organizing Committee