

## INSTEAD OF INTRODUCTION

It was an intention of organizers of the International Conference on Computer Integrated Manufacturing to create the possibility for meeting for two groups of scientist: designers of machines and specialists of manufacturings 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 are developing up to present practically independently. We hope the CIM'92 Conference gives such an opportunity.

The reviewers have qualified into the Conference program 70 papers. 54 of them have been published in this Bulletin No 108th and 16 of them have been published in these Bulletin No 109th in series 'Mechanics'.

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

- Methodical Design: 9 papers
- Design for Production: 7 papers
- Design for Robots: 7 papers
- CAD Applications: 13 papers
- CAD/CAM Systems: 11 papers
- Expert Systems: 11 papers
- CIM Solutions: 12 papers

The Conference CIM'92 is a continuation of colloquias 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 Königslutter. So that the present meeting is the 16th scientific meeting in this series.

Next 17th Colloquium will take place in Schierke /Harz from 23 to 26th of March 1993.

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 Naples (Italy) in November 1991, the next will take place in Naples in November 1992.

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.

Gliwice, 13th May, 1992

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