

Preface

This volume constitutes the Proceedings of the International Conference on Sintering of Multiphase Metal and Ceramic Systems held in New Delhi from 31st January to 3rd February, 1989. This is second in line with the New Delhi International Conference on Sintering, the first held in December, 1983. In all there were 31 invited papers and 23 contributed papers. Professor Dr. G. Petzow of Powder Metallurgy Laboratory of Max-Planck-Institute for Metals Research, Stuttgart (FRG) gave the Conference Keynote Lecture entitled "Advanced Materials by Powder Metallurgy - Science and Technology". All presentations were followed by free and informal discussions between scientists working at academic, research and industrial organisations.

The papers in the present volume are divided into the following sections:

- Synthesis
- Fundamentals
- Consolidation
- Sintered Multiphase Metal Systems
- Sintered Multiphase Ceramic Systems

I am particularly grateful to Prof. Dr. G. Petzow, who not only accepted my invitation to Chair the International Committee of the Conference, but also offered his valuable guidance at all the stages of the conference. I am also thankful to Prof. M.M. Ristic, Secretary-General of the International Institute for the Science of Sintering, Belgrade and all the authors for rendering full cooperation to me. Thanks are also due to various organisations, that contributed financially to making the conference a big success. Thanks are also due to the publisher Sci-Tech Publications, Liechtenstein for the timely publication of the Proceedings.

G.S. Upadhyaya

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