

PREFACE

The present proceedings of the 6th International Conference on Processing and Manufacturing of Advanced Materials – THERMEC'2009 is held during August 25-29, 2006 in Berlin , Germany under the co-sponsorship of The Minerals, Metals & Materials Society (TMS) ,USA. The Conference is also under the international auspices of professional organizations from Japan, Korea, France, Italy, The Netherlands, PR China, India, and Canada.

The conference is intended to bring together the researchers and engineers/technologists working in different aspects of processing, fabrication, structure/property evaluation and applications of both ferrous and non ferrous materials including biomaterials, and smart/intelligent materials. In addition to the contributed papers, the conference committee has invited papers by active researchers from various countries in relevant topic areas covered at THERMEC'2009. Internationally known experts from several countries are invited to deliver Plenary/Keynote lectures at THERMEC'2009.

Much of the credit of the success of the conference is due to topic coordinators who have devoted their expertise and experience in promoting and in general co-ordination of the activities for the organization and operation of the conference. The coordinators of various session topics have devoted a considerable time and energy in soliciting papers from relevant researchers for presentation at the conference. The Chairpersons of the different session played important role in conducting the proceedings of the session in a timely and efficient manner and the Committee expresses sincere appreciation for their involvement.

The reviewers of the manuscripts, those by tradition would remain anonymous, have been very helpful in efficiently reviewing the manuscripts, providing valuable comments well within the time allotted to them. The Editors express their sincere and grateful thanks to all reviewers

The THERMEC'2009 International Committee is proud to dedicate this conference proceeding to the late Professor Dr. Werner Koester (Director: Max Planck Institut fuer Metallforschung, Stuttgart, Germany) under who one of the Editors (T.Chandra) had privilege to work in 1966. Professor Koester was not only an outstanding researcher and visionary but was also a humble human being.

Finally, our sincere thanks Uta Fischer from University of Wollongong for designing the conference web page and also spending countless days in preparing the final conference program in time for printing. Many thanks to Renée Franco: THERMEC Executive secretary for arranging to type a large number of the invitation letters and for establishing the vast THERMEC conference address data base.Sincere thanks to Tyago for many months of hard work in sorting out manuscripts from various authors and assisting in various stage of the editorial work. Sujoy Hazra and Ali Dehghan Manshadi assisted in the formation of the final program in initial stages and the Committee expresses sincere thanks to them.

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