

Preface

Thanks for all those who have participated in the 2007 SME International Conference on Advanced Manufacture (SME ICAM 2007), sponsored by the Society of Manufacturing Engineers, Taipei Chapter (No.242) and organized in cooperation with National Cheng Kung University.

The booming economic development in Asia, particularly the leading manufacturing industries as the flat panel display, consumer-communication-computer and micro/nano areas have been attracting intense attention among universities and research development-based institutions as well as many industrial corporations. The knowledge-based industries have been enjoying immense growth potentials; thus, there is an urgent need of a strong focus for exchange of various scientific, technical and management aspects across the wide spectrum of the society.

The goal of the SME ICAM2007 Conference was to facilitate close dialogue among experts on issues related to the research and technological development in technologies for emerging manufacturing, basic science and systems engineering as well as education.

The conference was a great success and has attracted lots of attention among researchers in universities and research development-based institutions as well as many industrial corporations. In order to archive those papers with good quality presented in the conference, selected papers are published in this special issue of *Material Science Forum*.

We take the opportunities to thanks again to the authors who have contributed tremendously to the success of ICAM2007. Without their contribution, the conference could not be so successful.

Shen-Yung Lee, General Chair

Sheng-Jye Hwang, Program Chair