

Preface

The Ninth International Conference on the Strength of Metals and Alloys (ICSMA 9) was held at the Technion - Israel Institute of Technology in Haifa, Israel on July 14-19, 1991. The main theme of the conference was the fundamental physical aspects of strengthening of crystalline materials. Over 200 papers covering many of the various aspects of this theme were presented.

Among the sub-themes presented was that of high temperature materials and processes. Quite a large number of lectures and posters dealt with this subject. They covered metals, ceramics, intermetallics and composite materials as well as modern manufacturing processes, such as creep formation, superplastic deformation, etc.

This special issue contains a selection of the best papers presented on high temperature materials and processes. They were chosen on the basis of their originality and excellence. They all appeared in their original form in the proceedings of the conference published in 1991. The papers have, in the meantime, been updated for this special issue.

We hope our readers will find the articles presented in this special issue of interest.

A. Rosen
Chief Editor