

Editor Note

It is a pleasure for me to serve as guest editor for a special issue of Materials Science Forum entitled “Deformation Processes of Rigid Plastic Materials”. This special issue presents a series of papers of a group of leading scientists in the mechanics of plastic deformation. The collection of works covers a broad spectrum of topics: pressure dependent plasticity, elastic plastic deformation of thin plates, metal forming analysis and design, constitutive behavior near frictional interfaces and new developments in the upper bound method.

I would like to thank the editor of the journal and all the authors for their contributions and for patience. I hope that the readers will find useful information in this collection of papers.

Sergei Alexandrov

Institute for Problems in Mechanics

Russian Academy of Sciences

101-1 Prospect Vernadskogo

119526 Moscow, Russia

Tel.: +7 495 4343665; fax: +7 499 739 9531

E-mail address: sergei_alexandrov@yahoo.com