

Editorial

Welcome to *Metals*—a New Open Access Journal for a Growing Scientific Community

Hugo F. López

Founding Editor-in-Chief of Metals, Materials Department, College of Engineering and Applied Science, University of Wisconsin-Milwaukee, Milwaukee, WI 53209, USA;
E-Mail: hlopez@uwm.edu; Tel. +1-414-229-6005; Fax: +1-414-229-6958

Received: 15 February 2011 / Published: 25 February 2011

As I assume the role of Editor-in-Chief of this new journal, I look forward to serving in contributing to the advance of science and engineering in the field of metallic materials. This formidable task is made possible thanks to the excellent support of the Publisher and of the Editorial Staff of MDPI, as well as to a highly qualified Editorial Board. Hence, it is with pleasure that I accept this challenge, and I look forward to work with all of you in expanding the field of metals through journal contributions of current importance and of great interest to the scientific community.

My own vision for the direction and development of this journal *Metals* is that it should cover the fundamental aspects of metal processing by either (a) computer simulation, (b) laboratory testing, (c) solidification modeling, and (d) current processing methods. In addition, this journal will also cover the fundamentals of phase transformations and microstructural development in metallic materials, as well as the existing relationships between processing, properties and microstructure. The metal properties to be considered include, but are not limited to thermal, magnetic, mechanical and environmental. The spectrum of metallic materials to be considered by the journal should be open to all metals, particularly to those with novel properties/applications such as Al-alloys, ultra high strength steels, nano-structured metallic alloys, *etc.*

As metallic materials play a vital role in the economic life of modern societies, it is imperative that a journal that is focused on recent advances in the evolution and innovation of advanced metallic alloys be available to the materials scientific community. It is expected that through this journal, any gap that might exist between metallic materials and other advanced ceramic or polymeric materials be effectively reduced or eliminated. Publication and rapid dissemination of original research of the highest level through a rigorous peer-review process will be the aim of this journal. In particular, high quality, innovative, pioneering and relevant papers on all aspects of the broad field of metals are welcomed in this journal. All papers will be subject to a rigorous peer-review process prior to their publication.

The aim of this open access journal *Metals* is to provide a publishing forum for the scientific community involved in leading metal research, where novel contributions can be made available to the materials scientific community. Of course, a key element for the success of this journal is its potential impact on reaching out to the scientific readership community, as well as to potential authors from all over the world.

Once again and on behalf of the Editorial Board, I am delighted to invite you to submit your original work, review papers and suggestions for Special Issues to *Metals*, and in this way contribute to fulfill the vision of this exciting journal. As I look forward to receiving your contributions, I am aware that by no means I am able to cover all of the important fields involved in metallic materials. Therefore, I will be grateful in receiving suggestions on topics that I might have missed but that are of current relevance to metals.

© 2011 by the authors; licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution license (<http://creativecommons.org/licenses/by/3.0/>).