EDITORIAL

International Symposium on Joining and Interfaces

Since 2009 the *Journal of Materials Engineering and Performance* (JMEP) has published the invited submissions selected from the presentations at the symposia belonging to the Area C “Processing,” Topic C2 “Joining and Interfaces” at the European Congress and Exhibition on Advanced Materials and Processes (EUROMAT).

EUROMAT has a long history, and actually it represents the most comprehensive event in Europe for the materials science and engineering scientific community. The event is organized every 2 years under the auspices of the Federation of European Materials Societies (FEMS).

The most recent EUROMAT was held in Warsaw, Poland, on September 20-24, 2015. It attracted about 1300 contributions and provided a forum for academia, industry, and government laboratories to exchange knowledge, experience, best practice, and latest developments in the field of advanced materials as one of the Key Enabling Technologies (KETs).

This special issue of JMEP contains the collection of selected papers presented at three symposia of the Topic C2 “Joining and Interfaces” (Chairpersons: R. Filipek and J. Janczak-Rusch), i.e.:

C2.1. Joining Technologies (Chairpersons: I. Kaban and J. Wojewoda-Budka)

C2.2. Interface Design and Modelling (Chairpersons: L. Jeurgens and K. Szyszkiewicz-Warzecha)

C2.3 Wetting and High Temperature Capillarity (Chairpersons: N. Sobczak and B. Straumal).

All articles represent the expanded versions of EUROMAT2015 contributions and were subjected to the full peer review procedure.

We hope that this issue dedicated to joining dissimilar materials provides a consistent survey on the progress, latest advances, and most innovative developments in this important field of materials engineering and production technologies and that it will be invaluable to scientists, engineers, and students.

We wish to express our sincere appreciation to the authors for their expert input in their contributions and also to the reviewers of this special issue. I would like to thank R. Filipek, J. Janczak-Rusch, I. Kaban, J. Wojewoda-Budka, B. Straumal, and P. Zięba for their editorial assistance.

We acknowledge Dr. Rajiv Asthana, JMEP editor, and Mrs. Diane Whitelaw, production coordinator, for the opportunity to make public joining-related scientific and technological problems, as well as for professional and efficient support to the successful completion of this special issue.

Natalia Sobczak

Natalia Sobczak
Principal Guest Editor
Professor and Head
Centre for High Temperature Studies
Foundry Research Institute, Kraków, Poland
Contact e-mail: natalia.sobczak@iod.krakow.pl