# Editor-in-Chief of AGH University of Science and Technology Press Jan Sas

### Editorial Board of *Journal of Casting & Materials Engineering:*

# Editor-in-Chief

Beata Grabowska, AGH University of Science and Technology, Poland

# Vice-Editor in Chief

Marcin Górny, AGH University of Science and Technology, Poland

# **Associate Editor**

Franco Bonollo, University of Padova, Italy

### Co-editors

Marcin Brzeziński, AGH University of Science and Technology, Poland Jarosław Jakubski, AGH University of Science and Technology, Poland Artur Bobrowski, AGH University of Science and Technology, Poland Karolina Kaczmarska, AGH University of Science and Technology, Poland

### Language Editor

**Bret Spainhour** 

#### **Technical Editor**

Agnieszka Rusinek

### **Cover Designer**

Małgorzata Biel

The articles published in the Journal of Casting & Materials Engineering have been given a favorable opinion by the rewievers designated by the Editorial Board.

#### www:

https://journals.agh.edu.pl/jcme/

© Wydawnictwa AGH, Krakow 2018



AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY PRESS KRAKOW 2018

Wydawnictwa AGH (AGH University of Science and Technology Press) al. A. Mickiewicza 30, 30-059 Kraków

tel. 12 617 32 28, 12 638 40 38

e-mail: redakcja@wydawnictwoagh.pl http://www.wydawnictwa.agh.edu.pl