Special Issue

Mold and Tundish Metallurgy

Message from the Guest Editor

Considerable effort has been made on tundish and mold over the past few decades, which has yielded the present prosperity of the continuous casting process in terms of productivity and quality. Furthermore, in order to reply to the growing market demand for next-generation steel products such as AHSS (advanced high-strength steel) with super cleanness, we believe now is the best time to collect and review cutting edge technologies on tundish and mold. This Special Issue will deal with the wide range of the latest advances in the fields of mold and tundish metallurgy, focusing on but not limited to the following: - Improving steel cleanness by means of fluid flow controlling and slag optimization; - Understanding and controlling the evolution of inclusions in tundish and mold; - Decreasing nozzle clogging due to the deoxidizing products.

Guest Editor

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Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

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