



International online conference

Digitalization of industrial thermal processes and units



13:30

Section 1: Computer simulation

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Research of steel flows in the tundish of a two-stream continuous steel casting plant



This work numerically simulates the flow in a tundish and also investigates the factors affecting the appearance of non-metallic inclusions in the slabs. The effect of structural components of tundish, such as turbostops and filtering partitions, on reaching the outlet holes by molten material, is assessed. The issue of influence of turbostop destruction during operation on flows inside the ladle and melt discharge characteristics is investigated.

Engineer at the Modeling Department, Severstal, Russia

There may be changes in the time schedule.
See the current information on the [website](#)

Joint institutions

