

Contribution ID: 55 Type: Plenary Talk

Green Transition and the Future of Oxygen Steelmaking

Tuesday, 20 May 2025 10:45 (30 minutes)

The iron and steel industry is one of the largest industrial CO2 emitters and a transition to greener and more sustainable production routes is inevitable. The green transition will bring a number of new processes to our industry requiring optimization to ensure that the best production process is used for the targeted steel and product quality. Oxygen steelmaking will play a crucial role in this optimization leading to a more focused use of oxygen steelmaking for applications were it is strictly necessary while leaving the more easy grades to alternative production routes.

Speaker Country

Austria

Are you interested in publishing the paper in a Steel Research International special issue?

No

Primary author: WIMMER, Gerald (Primetals Technologies Austria GmbH, Vice President Converter Steelmaking)

Presenter: WIMMER, Gerald (Primetals Technologies Austria GmbH, Vice President Converter Steelmaking)

Session Classification: Plenary Talk

Track Classification: New developments in converter technology