

## **Session Program**

**13-15 Oct 2026**



# **ICRF 2026 - 5th International Conference on INGOT CASTING, ROLLING & FORGING**

## ***Environment, Emissions & New Technologies***

Hotel Caesius Terme & SPA Resort - Bardolino - Verona  
Via Peschiera, 3, 37011 Bardolino VR

## Wednesday 14 October

14:00

### Environment, Emissions & New Technologies

**Session** |**Location:** Hotel Caesius Thermae & Spa Resort, Lilium+Iris room, Via Peschiera, 3, 37011 Bardolino VR |**Convener:** Carlo Mapelli

14:00–14:20

#### Heating Ingots with Oxyfuel and Hydrogen before Rolling and Forging

**Speaker**

Joachim von Scheele

14:20–14:40

#### Effects of Axial Feed Direction on Forged Shape in Mandrel-Less Incremental Forging of Circular Variable-Cross-Section Tube Ends

**Speaker**

Takahiro Makiyama

14:40–15:00

#### Industrial trials with renewable dimethyl ether as fuel in an ingot reheating furnace

**Speaker**

Gustav Häggström

15:00–15:20

#### Optimizing Induction Heating for Steel Billets: A Multiphysics Approach to Electrification and Decarbonization

**Speaker**

Matteo Gregori

15:20–15:40

#### Water Footprint Reduction in the Metallurgical Sector through Oily Emulsion Reuse and the WASM Method

**Speaker**

Mr Angelo Ferranti

15:40