



# 7th European Steel Technology and Application Days - ESTAD 2025

## Wednesday 8 October 2025

### Digitalization, AI & Modeling - Salieri (16:30 - 18:30)

-Conveners: Carlo Mapelli

time	[id] title	presenter
16:30	[310] Flow and solidification modeling in continuous casting of steel: an European expertise mapping at a glance and positioning at a global level	DE SANTIS, Michele
16:50	[141] A comparative CFD study on tundish flow with particle tracking	BRUNIER, Philippe
17:10	[374] CC Process optimization through combined digital twin and in-line measurement technology for a stainless-steel slab production	Dr BANASZAK, Marc
17:30	[412] ADVANCING CONTINUOUS CAST SEMI-PRODUCT QUALITY THROUGH A DIGITAL TWIN FRAMEWORK	KAUKONEN, Saku
17:50	[418] An OpenFOAM Eulerian-Lagrangian Model of a Polydisperse Bubbly Flow in a Continuous Casting Mould	AMIRZADEH, Saeid
18:10	[454] Motion behaviors of non-metallic inclusions at the steel/Ar/slag interfaces considering interfacial physical parameters: an in-situ observation study	Prof. WANGZHONG, Mu