

FEDERATION OF EUROPEAN
MATERIALS SOCIETIES

The Minerals, Metals & Materials Society

**TMS2018**147th Annual Meeting & Exhibition

March 11 – 15, 2018

Phoenix, Arizona

The Federation of European Materials Societies (FEMS) and TMS will join the technical expertise and talents of their volunteer organizers to offer a selection of new symposia at the TMS 2018 Annual Meeting (TMS2018). Plan now to contribute to these important topics, examined from the perspective of developments in Europe.

PROCESS INTENSIFICATION IN PYROMETALLURGICAL SYSTEMS

Submit Your Abstract at tms.org/FEMS

Topics of interest for this symposium include, but are not limited to:

- Energy density increases in electric, gas, or other fueled furnaces
- Higher rates of gas injection per liquid volume in bath smelting operations
- Higher degrees of oxygen enrichment, higher firing rates, advanced burner designs
- Advances in furnace types from low intensity, (e.g. reverb) to flash or beyond (e.g. plasma)
- Changes required to vessels to maintain vessel integrity at higher processing speeds
- Impacts of high rates of processing on deviation from equilibrium
- Strategies to enhance heat and mass transport to maintain traditional processing efficiency/thermal efficiency
- On-line measurement and other improved process controls which allow for high processing intensities

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SUBMIT YOUR ABSTRACT ONLINE:

tms.org/FEMS

Questions? Contact programming@tms.org