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

**ORGANIZERS**

Bart Blanpain  
K.U. Leuven, Belgium  
bart.blanpain@mtm.kuleuven.be

Nikolaos Michailidis  
Aristotle University of Thessaloniki, Greece  
nmichail@eng.auth.gr

**SUBMIT YOUR ABSTRACT ONLINE:**

tms.org/FEMS

Questions? Contact programming@tms.org

Check the website regularly for news and updates: tms.org/FEMS