

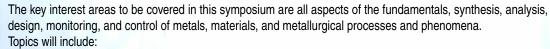
March 15-19, 2015 • Walt Disney World
Orlando, Florida, USA

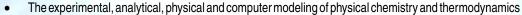
Connecting the global minerals, metals, and materials community.



Plan Now to Attend:

Materials Processing Fundamentals





- Modeling on the transport phenomena in materials processing and metallurgical processes involving iron, steel, non-ferrous metals, and composites
- Second-phase particles in metals and processes, such as non-metallic inclusions and bubbles in metals (steel, aluminum, silicon, magnesium etc...) or gas bubbles in slag or electrolyte (foaming, gas evolution or injection...); the fundamentals (experimental studies or theoretical studies) on the nucleation, growth, motion, and removal of these second-phase particles from the molten metal or reactors
- Physical chemistry, thermodynamics, and kinetics for the production and refining of rare earth metals
- Control of industrial processes in the field of extraction and processing of metals and materials: novel sensors for hostile-environment materials processes, such as online inclusion detection, temperature, and velocity in molten materials, surface condition of hot moving products, etc.; innovative online sampling and analysis techniques; models for real-time process control and quality monitoring systems

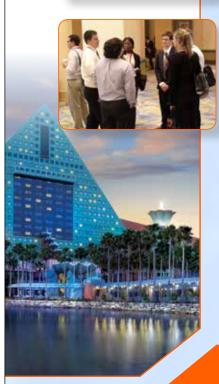


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For more information on how to participate, visit:

www.tms.org/TMS2015

Questions? Contact programming@tms.org