Submit an abstract by July 1 for the following TMS2023 Symposium:

**MATERIALS PROCESSING**

**Materials Processing Fundamentals**

This symposium is dedicated to materials processing, including synthesis, analysis, design, monitoring, and control of metals, materials, and metallurgical processes and phenomena. Topics will include:

- Use of artificial intelligence or big data in the control or optimization of industrial processes
- Modelling or optimization of recycle streams and scrap loops
- Measurement and control in hostile environments
- Modeling transport phenomena in materials processing and metallurgical processes involving iron, steel, nonferrous metals, and composites
- Thermodynamics, kinetics, and physical chemistry of materials processes and modelling thereof

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