THE WORLD COMES HERE.

TMS 2023

152nd Annual Meeting & Exhibition

MARCH 19–23, 2023
SAN DIEGO CONVENTION CENTER &
HILTON SAN DIEGO BAYFRONT
SAN DIEGO, CALIFORNIA, USA
#TMSANNUALMEETING

SUBMIT AN ABSTRACT BY JULY 1 FOR THE FOLLOWING TMS2023 SYMPOSIUM:

MATERIALS PROCESSING

High Temperature Electrochemistry V

High temperature electrochemistry continues to play a dominant role not only in the production of a suite of engineering materials (metals and alloys) but also in recycling recyclable waste materials. Another increasingly important application of these electrochemical processes has been the processing of a diverse range of waste materials, including both nuclear and non-nuclear, to recover precious metals and remove toxic elements before their eventual disposal. In recent years, many exciting developments have taken place, which highlight the ever-increasing role of high temperature electrochemical-based technologies in the materials world. The rapid developments in this fascinating discipline of materials science have necessitated the organization of the fifth symposium, High Temperature Electrochemistry V, in 2023.

Abstracts in the field of molten salt/oxide electrochemistry, both fundamental and applied in nature, are solicited. Specific topics include, but are not limited to:

- Electrowinning
- Electrorefining
- Electro extraction
- Materials recycling
- Molten salt reactor technologies
- Used nuclear fuel reprocessing
- Fuel salt synthesis
- Development of new/alternative/efficient electrode materials
- Process modeling
- Scale up engineering

ORGANIZERS

Prabhat Tripathy, Batelle Energy Alliance (Idaho National Laboratory)
Guy Fredrickson, Idaho National Laboratory

SYMPOSIUM SPONSORS

TMS Extraction & Processing Division
TMS Hydrometallurgy and Electrometallurgy Committee

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QUESTIONS?
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