

# **SUBMIT AN ABSTRACT BY JULY 1**

FEBRUARY 27-MARCH 3, 2022

ANAHEIM CONVENTION CENTER & ANAHEIM MARRIOTT

ANAHEIM, CALIFORNIA, USA

#TMSAnnualMeeting

## SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2022 SYMPOSIUM:

### **ENERGY & ENVIRONMENT**

### **REWAS 2022: Recovering the Unrecoverable**

With the diversification of engineered materials and depletion of high-grade ores come complexification of recovery processes. This symposium, co-organized with the Hydrometallurgy and Electrometallurgy Committee, continues a key symposium track in the REWAS conference series. It covers advances in recycling technologies for the valorization of complex man-made materials/products, as well as recent developments in clean technologies for extraction and recovery of metals from challenging secondary and byproduct sources.

In particular, this symposium will cover physical and chemical (metallurgical) processes for:

- Energy capture and storage components (batteries, solar, wind turbines...)
- · Electronic waste and complex scrap (rare earth magnets, PCB, multi-stream shredded residues, cables)
- Industrial by-products and processing residues (fly ash and process dust, low grade slags, muds, and sludge)

#### **ORGANIZERS**

Mertol Gökelma, Izmir Institute of Technology Elsa Olivetti, Massachusetts Institute of Technology Camille M. Fleuriault, Gopher Resource John A. Howarter, Purdue University Takanari Ouchi, The University of Tokyo Gisele Azimi, University of Toronto

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