



**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: Automation and Digitalization for Advanced Manufacturing**

Over the last 20 years, the manufacturing landscape has been transformed by the growing take of digital sciences on the improvement of product and processes. Most innovative solutions for advanced materials production are being developed via automation, computerization, and digitalization. In this symposium, the role of modelling and programming technologies in waste management, the reduction of environmental footprints, and the optimization of industrial processes will be explored.

Session topics include:

- Advanced Process Simulation and Visualization Techniques
- Use of Artificial Intelligence for Improved Process Control & Optimization
- Automation of Recycling Processes

#### **ORGANIZERS**

**Elsa Olivetti**, Massachusetts Institute of Technology

**Alexandra E. Anderson**, Gopher Resource

**Mertol Göknelma**, Izmir Institute of Technology

**Camille M. Fleuriault**, Gopher Resource

#### **SYMPOSIUM SPONSORS**

TMS Recycling and Environmental Technologies Committee

TMS Process Technology and Modeling Committee

[www.tms.org/TMS2022](http://www.tms.org/TMS2022)

**QUESTIONS?**  
Contact [programming@tms.org](mailto:programming@tms.org)