

THE WORLD COMES HERE.  
**TMS 2025**  
154<sup>th</sup> Annual Meeting & Exhibition



**March 23–27, 2025**  
MGM Grand Las Vegas  
Hotel & Casino  
Las Vegas, Nevada, USA  
**#TMSAnnualMeeting**



**SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2025 SYMPOSIUM:**

**LIGHT METALS**

**Light Elements Technology**

The Light Metals Division of TMS realizes the need for promoting the rapidly expanding materials technology with 'Light Elements' other than Aluminum and Magnesium forming the core. These are light elements hydrogen, lithium, beryllium, boron carbon, sodium, and to a smaller extent calcium and potassium. Materials and compounds of these elements are more important than them being only in the form of metals. These play a great role in the envisioned 2050 Netzero energy conversions worldwide.

The 'Light Elements 2025' symposium invites discussions of research and manufacturing activities of 'lithium ion and the rapidly emerging competing sodium ion battery technologies', hydrogen production and use technologies using newer methods beyond conventional approaches, carbon technologies without formation of CO<sub>2</sub>, and use of light elements in 'fusion energy creations', to name a few examples.

**ORGANIZERS**

**Alafara Baba**, University of Ilorin; **Neale Neelameggham**, IND LLC; **Onuralp Yucel**, Istanbul Technical University; **Kiran Solanki**, Arizona State University

**SYMPOSIUM SPONSORS**

TMS Light Metals Division, TMS Light Elements Technology Committee