JOM, Vol. 74, No. 9, 2022
https://doi.org/10.1007/s11837-022-05451-5

TMS MEMBER NEWS

JOM THE MAGAZINE

Share the Good News!
Contact Kaitlin Calva, *JOM: The Magazine* Principal Editor, at kcalva@tms.org to share your professional accomplishments. Please note that only news submitted by current TMS members will be considered.

Newest TMS Accelerator Study Explores Additive Manufacturing and Functional Materials

An expert TMS study team is currently conducting a 17-month initiative to examine additive manufacturing as it relates to functional materials, with a specific focus on energy. The report, *Accelerating Research and Technological Development in the Additive Manufacturing of Energy-Related Functional Materials*, will be released in October 2022 at the Materials Science & Technology 2022 Technical Meeting and Exhibition (MS&T22). The publication plans to address the following milestones:

- Scope and prioritize the areas of most promise for energy-related domains.
- Take a deep dive to identify and explore in-depth the key gaps, barriers, needs, and enablers of the next state of additive manufacturing of functional materials in select areas deemed to have the greatest potential for the most immediate and substantive energy-related impact, particularly with consideration to decarbonization.
- Provide concrete recommendations on key milestones, detailed action plans, and implementation pathways needed to help provide a foundation for ultimately transitioning from fundamental concepts to manufactured components.

The 16-member study team is led by Paul Ohodnicki, associate professor in the Mechanical Engineering and Materials Science Department at the University of Pittsburgh and the Engineering Science program director. He is also the founding director of the Advanced Magnetics for Power and Energy Development (AMPED) consortium and the chief technology officer and co-founder of CorePower Magnetics. In addition, Ohodnicki currently serves as the chair of the TMS Functional Materials Division on the TMS Board of Directors.

The study team is made up of the following members:

- **Iver Anderson**, Ames Laboratory
- **Raymundo Arroyave**, Texas A&M University
- **Rajarshi Banerjee**, University of North Texas
- **Brett Conner**, PM2 Strategies
- **Ryan DeHoff**, Oak Ridge National Laboratory
- **Dana Frankel**, QuesTek Innovations LLC
- **Kyle Johnson**, Sandia National Laboratories
- **Andrew Kustas**, Sandia National Laboratories
- **Saniya LeBlanc**, George Washington University
- **Susan MacKay**, University of Maine
- **Joseph Mantese**, Raytheon Technologies
- **Simona Hunyadi Murph**, Savanna River National Laboratory
- **Mehran Tehrani**, University of Texas at Austin
- **Nihan Tuncer**, Desktop Metal
- **Emma White**, DECHEMA Forschungsinstitut/ Ames Laboratory

Learn more about each of the study team members and sign up to receive updates to be among the first notified when the free report is available to download at www.tms.org/AMStudy.

Accelerating Research and Technological Development in the Additive Manufacturing of Energy-Related Functional Materials is a TMS science and technology accelerator that was undertaken on behalf of Oak Ridge National Laboratory and the U.S. Department of Energy Office of Energy Efficiency & Renewable Energy's Advanced Manufacturing Office.

Correction

JOM: The Magazine staff apologizes for the misspelling of **Oleg D. Sherby's** name in the July 2022 article, "Forged with Fortitude: The 2022 TMS Bladesmithing Competition." The TMS Wadsworth-Sherby Grand Prize of the TMS Bladesmithing Competition is named in honor of Sherby and his work.