

TMS MEMBER NEWS

Share the Good News!

Contact Kelly Zappas, *JOM: The Magazine* editor, at kzappas@tms.org to share your professional accomplishments. Please note that only news submitted by current TMS members will be considered.

TMS Members Lead 3D Printing Project

Two TMS members in the Materials Science and Engineering Department at the University of Arizona are conducting a \$1.2 million project to design alloys for 3D printing objects that can withstand hypersonic speeds. **Sammy Tin**, department chair, and **Andrew Wessman**, assistant professor, are



Sammy Tin



Andrew Wessman

Photo Credit: University of Arizona

leading the project funded by a grant from the Office of Naval Research's Defense University Research Instrumentation Program. During this project, the team aims to create novel metallic alloys optimized for the additive manufacturing process and with the ability to withstand the extreme conditions of hypersonic flight, including high temperatures and high stress levels.

Sammy Tin, a TMS member since 1995, has served on a variety of TMS committees including the Emerging Professionals Committee, the High Temperature Alloys Committee, and the Structural Materials Division (SMD) Council. Andrew Wessman has been a TMS member since 2001. He previously served on the High Temperature Alloys Committee, as a symposium organizer for the TMS 2022 Annual Meeting & Exhibition (TMS2022), and as an organizer for the 10th International Symposium on Superalloy 718 & Derivatives, held from May 14–17, 2023.

Full AIME Oral Histories Now Available



The American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) has released the full videos of several TMS member oral histories as part of the AIME Oral

History Project. This project supports the Institute's mission, by preserving and promoting achievements in the fields and sharing prominent member stories

with future generations. The full videos are now available for:

- **Diran Apelian**, Worcester Polytechnic Institute
- **Alex King**, Ames National Laboratory
- **Thaddeus "Ted" Massalski**, Carnegie Mellon University (deceased)
- **Alexander Scott**, TMS (retired)

Visit the Oral Histories web page at aimehq.org to learn the story of your profession in the words of those who have lived it.

Registration Opens for 2023 TMS Aluminum Courses



The TMS Aluminum Courses return with two courses to be held in September 2023. This popular program was paused due to the global pandemic, with these two courses being the first offered since 2019. These events will be held concurrently from **September 10-14, 2023**, in the same location, **The Gulf Hotel Bahrain, Manama, Kingdom of Bahrain**. Each course will have a plant tour of their respective interest areas. However, registration for these events is separate, and participants must attend only the sessions of the



course for which they specifically registered. The two courses offered are:

Anode Technology for the Aluminum Industry Course:
www.tms.org/Anode2023

Control of Potline Scrubber & Fugitive Emissions for Aluminum Smelters Course: www.tms.org/PSFE2023

Registration is now open for both courses. Register by July 31, 2023, to take advantage of a discounted registration fee.