

STRESSWORKSHOP CONFERENCE:

SHORT BIO:

Dr. Babak Anasori is the Reilly Rising Star Associate Professor at Purdue University, with joint appointments in the Schools of Materials Engineering and Mechanical Engineering. He also serves as the Editor-in-Chief of *Graphene and 2D Materials*, a *Springer-Nature* journal. Dr. Anasori received his PhD from Drexel University in 2014 in the Department of Materials Science and Engineering, the birthplace of MXenes. Dr. Anasori has authored over 210 refereed publications on MXenes and their precursors and has been recognized as a *Web of Science* Highly Cited Researcher since 2019. He has received several international awards, including the 2016 Materials Research Society (MRS) Postdoctoral Award, the 2021 Drexel University 40-under-40, the 2021 Waterloo Institute for Nanotechnology (WIN) Rising Star Award in Nanoscience and Nanotechnology, the 2024 Early Discovery Award by the American Ceramic Society (ACerS), the 2024 Kavli Foundation Early Career Lectureship in Materials Science by MRS, and the 2026 Purdue University Faculty Excellence Award for Early Career Research. Dr. Anasori's research lab focuses on developing novel 2D carbide and carbonitride MXenes for various applications, including energy generation, electromagnetic interference shielding, and ultra-high temperature and extreme environments.