

Dr. Katie Boggs

Judging Chair

Dr. Katie Boggs is a physicist and former NASA senior executive whose career spans space science, human exploration, advanced technology, and critical materials. During 15 years at NASA, she held leadership roles across Earth science, space operations, and human exploration. As Deputy Associate Director for Flight Programs in NASA's Earth Science Division, she directed an approximately $1 billion annual portfolio of more than 40 operating and developing missions. She also helped shape capabilities and advance technologies needed for the Artemis program, the International Space Station, and future human exploration of the Moon and Mars.

Today, Dr. Boggs advises organizations working in critical materials and government-facing advanced technology. She holds a bachelor's degree in Materials Science and Engineering from Carnegie Mellon University and a doctorate in Physics from Trinity College Dublin. Her doctoral and postdoctoral research focused on rare-earth permanent magnets..