

**Jay McMahon** is an Associate Professor in the Ann and H.J. Smead Aerospace Engineering Sciences department at the University of Colorado Boulder. His research focuses on autonomy, guidance, navigation, and control for spacecraft, along with the governing dynamics for these systems. He has especially focused on applications to small bodies.

He was a Participating Scientist for the DART Mission, and was on the science teams investigating gravity science for NASA's OSIRIS-REx and JAXA's Hayabusa2 missions. He was named the 2020 Outstanding Faculty Graduate Advisor Award in CU Boulder's College of Engineering and Applied Sciences. In 2020 he was selected for a DARPA Young Faculty Award, and in 2018 he was selected as a NASA STMD Early Career Faculty fellow. He is also a NIAC fellow, and was the AIAA Rocky Mountain Section Young Engineer of the Year in 2017. He is an Associate Fellow of the AIAA. He obtained his PhD from the University of Colorado Boulder in 2011, his MS in 2006 from the University of Southern California, and his BS from the University of Michigan in 2004. He previously worked on launch vehicle guidance systems at The Aerospace Corporation in El Segundo, CA. Asteroid (46829) McMahon - a main belt binary asteroid - is named in his honor.