

Josef Koller

Short Biography

Josef Koller received his PhD in Astrophysics from Rice University in 2004. He has been a space science project leader and deputy group leader at Los Alamos National Laboratory studying various topics including radiation belt modeling, space debris, and satellite collisions probabilities. As part of his group leader responsibilities he co-managed over 40 people with a \$45M budget pursuing a broad set of activities ranging from fundamental space science to space instrument design and engineering.

Accomplishments include

- Founding Director of the Los Alamos Space Weather Summer School
- Space Physics Focus Leader of the Institute for Geophysics, Planetary Physics, and Signatures
- Recipient of three LANL distinguished performance awards
- Recipient of the LANL Distinguished Mentor Award 2013
- Member of several review committees including the European Union Commission, Canadian Space Agency, NSF, and NASA
- Editor for the Journal of Geoscientific Model Development.
- Inventor and U.S. patent holder of space weather modeling in decisional time frames
- Author and co-author on over 40 refereed publications with 350+ citations

Josef has recently accepted an assignment as Senior Policy Advisor in the Office of the Undersecretary of Defense at the Pentagon. He will directly support key international strategy efforts in order to fully implement the President's National Space Policy and the Secretary's National Security Space.