

J.R. Jokipii

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Education:

1961 - B.S. (honors) University of Michigan, Ann Arbor
1965 - Ph.D. California Institute of Technology

Areas of Research:

Cosmic-ray astrophysics, Solar, heliospheric and astrophysical plasma physics.

Current Position:

1997-present, Regents' Professor, Planetary Sciences and Astronomy, University of Arizona;

Selected Awards:

Elected Einstein Professor of the Chinese Academy of Sciences, 2014.
Elected Lifetime National Associate of the U. S. National Research Council, 2008.
Elected to the U. S. National Academy of Sciences in 2001.
Elected to the International Academy of Astronautics, 2000.
Named Fellow of American Physical Society.
Named Fellow of the American Geophysical Union.

Selected recent Publications:

- "Transient Cosmic-ray Events Beyond the Heliopause",
J. Kóta and J. R. Jokipii, *Ap. J.*, 839, Issue2, article id 166.7, 2017.
- "Charged-Particle Transport in Magnetic Turbulence",
Peng Sun and J. R. Jokipii, *Ap. J.*, 815, Issue1, article id 65, 2014.
- "Interpretation of the Disturbance in Galactic Cosmic Rays Observed on Voyager 1 beyond the Heliopause",
J. R. Jokipii and Jozsef Kóta, *Ap. J. Letters*, 794, Issue1, article id L4, 2014.
- "Are Cosmic Rays Modulated beyond the Heliopause?",
J. Kóta and J. R. Jokipii, *Ap. J.*, 782, Issue 1, article id 24, 2014.
- "Compression Acceleration in Astrophysical Plasmas and the Production of $f(v) \propto v^{-5}$ Spectra in the Heliosphere", J. R. Jokipii and M. A. Lee, *Ap. J.*, 713, 475, 2010.
- "A Shock for Voyager 2", J. R. Jokipii, *Nature*, 454, 38, 2008.