

CURRICULUM VITAE

Dr. Jakobus A. le Roux

Associate Professor, Department of Space Science & Center of Space Plasma and Aeronomic Research (CSPAR), University of Alabama in Huntsville, Huntsville, 35805
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Education:

University of Stellenbosch, Stellenbosch, South Africa (B.Sc. in Physics and Mathematics, 1982; B.Sc.(Hon) in Atomic and Spectrophysics, 1983.
Northwest University, Potchefstroom, South Africa (M.Sc. in Cosmic Ray Physics, 1987; Ph.D. in Cosmic Ray Physics, 1990).

Appointments:

Associate Research Physicist, Institute of Geophysics and Planetary Physics, University of California, Riverside, November 2001-June 30 2008.
Senior Scientist, Bartol Research Institute, June 1998-October 2001.
Assistant Research Scientist, Institute for Physical Science and Technology, University of Maryland, November 1995-May 1998.
Research Associate, Institute for Physical Science and Technology, University of Maryland, January 1991-October 1995.
Senior Research Assistant, Department of Physics, Potchefstroom University for C.H.E., South Africa, January 1986-December 1990.

Research Experience:

Dr. Jakobus A. le Roux has over 20 years of experience in heliospheric space plasma research, specializing in suprathermal energetic charged particle transport and acceleration. He has over 80 publications in peer reviewed journals and conference proceedings. He has been awarded several NASA and NSF grants as PI such as:

NASA Grant, Particle Acceleration in Inner Heliospheric Regions with Multiple Contracting and Reconnecting Magnetic Islands, March 1, 2015 - April 30, 2018.
NASA Grant, Probing the Physics of the Heliopause Region, March 12, 2014 - March 11, 2017.

Recent Service:

Co-Organizer of Session, EGU Meeting 2020, Vienna, Spring 2020
Reviewed proposal Reviewer for the German Research Foundation, Summer 2019
Reviewed proposal Reviewer for the UK Science & Technology Facilities Council, Fall 2019
Session Chair, AGU Fall Meeting, December 2017.
Session Chair, AGU Fall Meeting, June 2016 - December 2016.
Served on NASA HGI Program Panel Meeting, June 21, 2016 - June 24, 2016.
Served on NSF SHINE Panel Meeting, March 29 - 31, 2016.
Served on NASA HSR Panel Meeting, December 1, 2015 - December 3, 2015.
Session Chair, AGU Fall Meeting, 2015.
Lead editor of conference volume of 9th Annual International Astrophysics Conference, Hawaii, 9-14 March 2010.

Membership:

Member of American Geophysical Union, 1991-present
Member of American Physical Society, 2014-present