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# INTERPLANETARY DYNAMICAL PROCESSES

By E. N. PARKER

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Gene & I did a lot of early work - it was a great collaboration.

Gene provided mathematical insights, and I added physical intuition.

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E. N. PARKER

*Enrico Fermi Institute for Nuclear Studies  
and Department of Physics  
University of Chicago, Chicago, Illinois*

With best wishes, Alex. We have both  
come a long way since you were a  
sophomore and I was a TA at Caltech  
in the year 1949, as I recall. That was  
65 years ago. We were getting started  
and now we are winding down.  
This book reminds me of the battle years  
1958 - 1962, terminating only when the

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Mariner II plasma detector provided 6 months of supersonic wind. You and I relied upon the correct wind density of  $5\text{H}/\text{cm}^3$  to finish our 1959 MHD understanding of the geomagnetic storm.

These days we have global climate change, driven by accumulating  $\text{CO}_2$ , with well funded deniers to halt the development of an effective response. How far will it go before we wake up? The future is no threat to oldies like us. Sadly, our descendants are looking at planetary calamity

Gene Parker  
12 August 2014

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