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What Are the Separate Planes of Existence? A Popular Physicist Explains Multiverse Theory

San Francisco, CA (February 1, 2010) — In his newest title, *Visions of the Multiverse*, Dr. Steven Manly takes the reader on a tour of different multiple universe realities, explaining in a very accessible and enjoyable way why it is that many physicists are convinced that we are in the midst of a new Copernican revolution.

People have speculated for centuries about separate planes of existence associated with religion and the afterlife. The news is that cutting-edge ideas in cosmology, string theory and quantum mechanics have motivated the development of serious multiple universe concepts.

In fact, to many physicists, the idea of the multiverse is no longer speculative, it is inescapable. It is no longer a question of whether or not we live in a multiverse, but rather how many different types of multiverses exist.

A popular speaker, teacher and author, whose lively personal style makes his presentations enjoyable and easily understood, Manly provides the non-technical background for the non-expert reader. He makes liberal use of analogies and examples of everyday experiences, while filtering out some of the irrelevant detail and layers of scientific lingo. Just like his audiences, his readers love Manly's non-intimidating, conversational tone.

Dr. Manly discusses a variety of fascinating concepts, from relativity and the fundamental particles and forces of nature to dark matter, dark energy, and quantum mechanics. *Visions of the Multiverse* explores such questions as:

What are the different concepts of the multiverse and how are they related?

- How do we determine if we live in a multiverse or in multiple multiverses?
- How do religious concepts of the afterlife and popular ideas based on the Law of Attraction relate to the scientific visions of the multiverse?
- Does the "big bang" idea of inflationary cosmology contribute to the theory of multiverse?
- *How are universes separated in time?*
- Does the dark matter filling our universe form a separate universe that we cannot perceive?

About the Author:

Equipped with a PhD in high-energy physics from Columbia University, Professor Steven Manly moved up the faculty ranks at Yale University before accepting his current position as a professor at the University of Rochester. He has been named the N.Y. State Professor of the Year by the Carnegie Foundation for the Advancement of Teaching, and received the 2007 Excellence in Undergraduate Teaching Award by the American Association of Physics Teachers.

As a popular speaker, Manly talks about particle physics, cosmology and relativity at conferences, alumni symposia and to high school and middle school students. He has published over 150 articles in scientific journals.

Manly is the author of *Relativity and Quantum Physics for Beginners*, a light-hearted, graphical look at two of the most exciting intellectual developments of the 20th century

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