

TRINH XUAN THUAN

Professor, Department of Astronomy

“Buddhism and Science: Gentle Bridges”

March 22, 2002 — Roanoke Higher Education Center, Roanoke, Virginia

On the wwweb:

The **University of Virginia** serves more than one million people every year through more than 400 public service and outreach programs. For more information about outreach at UVa, visit <http://www.virginia.edu/outreachvirginia/>, an interactive web-based listing of public service programs searchable by region, interest, audience, or type of program. Some programs listed in the database include the following:

The Religious Movements Website

The Religious Movements site provides a foundation for understanding how religious groups emerge, grow, stagnate, reinvigorate themselves, and sometimes die.

Jefferson Institute of Lifelong Learning (JILL)

Through the Center for University Programs, JILL offers a variety of stimulating university-level, non-credit classes tailored to the interests of senior citizens who are eager to learn and explore.

Producing an Excellent Experimental Science Project

This is an on-line guide that helps students design an experimental science project. Students are guided through the process of choosing a topic, designing the experiment, displaying their results, and writing a conclusion.

Science Fair Mentoring Program

The Science Fair Mentoring Program provides guidance to students ages 6 through 17 who want to complete a top-notch science fair project.

Summer Workshop in Life Sciences, Ecology & Energy for K-8 Science Teachers

This two-week workshop offers science teachers hands-on laboratory and field-based activities that correlate with science Standards of Learning expectations.

Engaging the Mind: Commonwealth 2020 Lecture Series

<http://www.virginia.edu/facultysenate/speakers/2020/>

The Department of Astronomy at the University of Virginia

<http://www.astro.virginia.edu/>

UVa School of Continuing and Professional Studies – Roanoke

<http://uvace.virginia.edu/roanoke/>

Buddhist Information Network

<http://www.buddhanet.net/budnetp.htm>

American Association for the Advancement of Science

<http://www.aaas.org/>

On the shelf:

Revel, J.F and Ricard, M. *The Monk and the Philosopher* (Shocken Books, 2000)

Ricard, Matthieu and Thuan, T.X., *The Quantum and the Lotus* (Crown, 2001)

Thuan, T.X., *The Birth of the Universe, The Big Bang and after* (Abrams, 1993)

Thuan, T.X., *Chaos and Harmony* (Oxford University Press, 2000)

Thuan, T.X., *The Secret Melody* (Oxford University Press, 1995)

About the speaker:

Professor Trinh Xuan Thuan is a native of Hanoi, Vietnam. He obtained his Bachelor of Sciences in Physics at the California Institute of Technology (Caltech) in 1970, and his Ph.D. in Astrophysics at Princeton University in 1974. Since 1976 he has been a professor of astronomy at the University of Virginia. He specializes in the study of galactic systems beyond the Milky Way and has written nearly 200 articles on the formation of elements in the Big Bang and galaxy formation and evolution.

Professor Trinh Xuan Thuan has written several books destined for the general public, in particular, "The Secret Melody" (Oxford University Press, 1994), "The Birth of the Universe" (Discoveries, H.N. Abrams, 1993) and "Chaos and Harmony" (Oxford University Press, 2000), all best-sellers in France, in which he discusses the profound changes in world view brought about by modern scientific discoveries. His latest book, "The Quantum and the Lotus" (Crown), co-authored with French Buddhist monk Matthieu Ricard, also a best-seller in France, just appeared in December 2001. In it, Professor Thuan explores the many remarkable connections between the ancient teachings of Buddhism and the findings of modern science.

