

***The Potential for Interstellar Travel and Unidentified Aerial Phenomena***  
***From Science Fiction to Science Fact***  
**The George Washington University**

**Bios of Symposium Participants**

**Ray Suarez** joined The NewsHour in October 1999 as a Washington-based senior correspondent responsible for conducting newsmaker interviews, studio discussion and debates, reporting from the field and serving as a backup anchor. Suarez has twenty-five years of varied experience in the news business. He came to The NewsHour from National Public Radio where he had been host of the nationwide, call-in news program "Talk of the Nation" since 1993. Prior to that, he spent seven years covering local, national, and international stories for the NBC-owned station, WMAQ-TV in Chicago. Suarez wrote the recent book *The Old Neighborhood: What We Lost in the Great Suburban Migration: 1966-1999* (Free Press), and has contributed to several others. Suarez holds a B.A. in African History from New York University and an M.A. in the Social Sciences from the University of Chicago, where he studied urban affairs. He was awarded an honorary doctorate by Westminster College in Salt Lake City in 2000, and an Alumni Achievement Award from NYU.

**Dr. Richard Henry** is a Professor in the Henry A. Rowland Department of Physics and Astronomy at The Johns Hopkins University, where he is also Director of Maryland Space Grant Consortium; a member of the Principal Professional Staff, Johns Hopkins Applied Physics Laboratory; and a member of the JHU Center for Astrophysical Sciences. Since 1991 he has also served as Director, Maryland Space Grant Consortium Observatory, which is located atop the Bloomberg Center for Physics and Astronomy, and which houses the Morris W. Offit telescope, a fine half-meter reflector. From 1998 until July 2000, Dick Henry was Chair of the National Council of Space Grant Directors, and he currently is serving as Board Member and Treasurer of the National Space Grant Foundation. From 1976 to 1978 he was Deputy Director of the Astrophysics Division of the National Aeronautics and Space Administration, NASA. He is a past Alfred P. Sloan Foundation Fellow.

**Dr. Michio Kaku** is an internationally recognized authority in theoretical physics and also the environment. He holds the Henry Semat Professorship in Theoretical Physics at the City College and the Graduate Center of the City University of New York. His goal is to help complete Einstein's dream of a "theory of everything," a single equation, perhaps no more than one inch long, which will unify all the fundamental forces in the universe. He has lectured around the world and his Ph.D. level textbooks are required reading at many of the top physics laboratories. He has written 9 books; his last two books, *Hyperspace* and *Visions*, became international best-sellers, and have been widely translated into different languages. He hosts a weekly hour-long radio program on science on several stations around the country, and his commentaries on science can be heard on 60 radio stations nation-wide. Dr. Kaku graduated from Harvard in 1968, summa cum laude, and number one in his physics class. He received a Ph.D. from the Univ. of Calif. at Berkeley Radiation Laboratory in 1972. He held a lectureship at Princeton University in 1973. He then joined the faculty at the City Univ. of New York, where he has been a professor of theoretical physics for 25 years. He has been a visiting professor at the Institute for Advanced Study at Princeton, and also New York University.

**Dr. Bernard Haisch** is a high energy astrophysicist and director of the California Institute for Physics and Astrophysics (CIPA) in Palo Alto, California. He is also a scientific editor of the *Astrophysical Journal*, and former editor-in-chief of the *Journal of Scientific Exploration*. He has authored over 120 scientific articles and has been principal investigator on numerous NASA research projects. He has been a visiting fellow at the Max-Planck-Institute für Extraterrestrische Physik in Garching, Germany and a visiting scientist at the University of Utrecht in the Netherlands. Haisch received his doctorate from the University of Wisconsin in Madison, and did three years of postdoctoral research at the Joint Institute for Laboratory Astrophysics at the University of Colorado. He spent 20 years as a staff scientist at the Lockheed Palo Alto Research Laboratory and the Lockheed Martin Solar and Astrophysics Laboratory before becoming director of CIPA.

**Dr. Peter Sturrock** is emeritus professor of applied physics and emeritus director of the Center for Space Science and Astrophysics at Stanford University. A graduate of Cambridge University, in 1961 he went on to be appointed Professor of Engineering Science and Applied Physics at Stanford University. Later he became Professor of Space Science and Astrophysics in their Physics Department. He has won awards from the American Astronomical Society, the American Institute of Aeronautics and Astronautics, Cambridge University, the Gravity Foundation, and the National Academy of Sciences. His other publications include five edited volumes, two monographs, and over two hundred scientific articles. As has served as president of the Society for Scientific Exploration. In 1997, Sturrock conducted a study concerning physical evidence related to the UFO phenomenon which was commissioned and funded by Laurance Rockefeller. Under his leadership, nine impartial scientists were brought together to hear presentations by experienced investigators. His book *The Ufo Enigma* is a report on this conference, which overrides the Condon Report and concludes that there is much we could learn from further study of the phenomenon.

**Dr. Jacques Vallee** is an astrophysicist trained in France. He moved to U.S. in 1967 where he received a PhD in 1967 in computer science. It was there that he became a close associate of Dr. Allen Hynek. He is the author of numerous articles, three books about high technology, and a number of books about his investigations into unidentified flying objects, which took him to many places around the world including France, Scotland, Australia, Brazil and Russia. He co-authored *The Edge of Reality* with Hynek in 1975.

**Ted Roe** is the Executive Director of the National Aviation Reporting Center on Anomalous Phenomena (NARCAP). NARCAP's mission is to help enhance aviation safety in the US by better understanding the nature and potential effects of *unidentified aerial phenomena* (UAP) upon ground and airborne systems, piloting, and cockpit/aircrew procedures; to collect high quality, scientifically relevant data on UAP; and to involve "hard sciences" in data analyses.

**John Callahan** was for six years the Division Chief of the Accidents and Investigations Branch of the FAA in Washington DC. He was involved in an incident in which a 1986 Japanese Airlines 747 flight was followed by an unidentified object for 31 minutes over Alaska. The unidentified aerial phenomenon also trailed a United Airlines flight until the flight landed. There was visual confirmation as well as air-based and ground-based radar confirmation. Videotape radar evidence, air traffic voice communications and paper reports were compiled and presented.