



AMERICAN NUCLEAR SOCIETY

Oak Ridge/Knoxville Section

P.O. Box 5075, Oak Ridge, TN 37831-5075

The March 2005 Dinner Meeting will be held as follows:

- Date:** March 14, 2005
Location: Rothchild Catering & Conference Center
8807 Kingston Pike, Knoxville
Time: Social at 6:00, Dinner at 6:30, and Speaker at 7:30
Cost: \$15.00 per person and free for Full-Time University of Tennessee Nuclear Engineering students with reservation
Speaker: Dr. Anthony Mezzacappa

Program Description: *Simulating the Deaths of Massive Stars*

Dr. Anthony "Tony" Mezzacappa is a Distinguished R&D Staff Member and Group Leader for Theoretical Astrophysics in the Physics Division of the Oak Ridge National Laboratory. He is also Adjunct Professor in the Department of Physics and Astronomy at the University of Tennessee. He has been on staff at the Laboratory since 1996 and associated with the University of Tennessee since 1994. He held postdoctoral appointments at the University of Pennsylvania and the University of North Carolina at Chapel Hill and a research faculty position at the University of Tennessee prior to joining the Laboratory staff. He completed his B.S. degree in physics at M.I.T. in 1980 and his Ph.D. in physics at the Center for Relativity at the University of Texas at Austin in 1988. He has worked in the areas of astrophysics and cosmology and specializes in the theory of supernovae. In 1999, Tony received a DOE Young Scientist Award from Secretary of Energy Richardson and a Presidential Early Career Award from President Clinton for his supernova work. In 2004, he was elected a Fellow of the American Physical Society in recognition of his supernova work and his role in the development of computational science in the U.S. Tony has served as a member and chair of numerous national committees and an organizer and chair of a number of international conferences. He is the author of more than seventy published articles and has given nearly one hundred invited talks around the world. Tony is the Principal Investigator of the Department of Energy's TeraScale Supernova Initiative, an international initiative involving nearly four dozen researchers from a dozen institutions in the U.S. and Europe.

Menu: Buffet style of dinner

- Mixed green salad with choice of dressing.
- Grilled sirloin steak.
- Broiled orange roughy.
- Roasted new reds.
- Wild rice with vegetables.
- Steamed broccoli.
- Whole kernel corn.
- Assorted pies for dessert on the buffet.

Beverages:

- Ice tea, water, coffee and decaf are included
- Cash bar available

RSVP:

- to Brad Rearden by 12 noon Thursday March 10, 2005
- e-mail: reardenb@ornl.gov
- work: 574-6085