



KOÇ UNIVERSITY

Science – Math Seminar

Speaker: Baha Balantekin
Eugene P. Wigner Professor of Physics
University of Wisconsin-Madison

Date: Monday, April 11, 2005
Time: 16:45 (Tea and cookies will be served at 16:30)
Place: Science Building, Room Z42

Title: Frontiers in Underground Science

Abstract:

Scientific experiments which need underground environments cover a wide range of disciplines from physics to geology and microbiology. For a number of physics experiments one needs the ultra-low background only available in several kilometers below the Earth's surface. Such locations are also ideal for exploring the harsh environments where life exists in microbial form. In this talk the current status of underground science will be presented.

Biography:

Professor Balantekin is a graduate from METU . He received his Ph.D. from Yale University in 1982. After working two years each at MIT and Oak Ridge National Laboratories, he joined the Faculty at University of Wisconsin-Madison in 1986 where he is a Professor since 1992. He had Professorial positions also at the University of Washington-Seattle, Max Planck Institut fur Kernforschung, Heidelberg, Germany and Tohoku University, Sendai, Japan. His research interests cover a wide range in theoretical physics including neutrino astrophysics, nuclear models and many-body systems. He published more than 150 papers in prestigious journals. He is the current Editor-in-Chief of Journal of Physics G. He served in various Committees and Panels of the American Physical Society. Among the many other honors he received the TUBITAK Science Prize in 2001. Professor Balantekin is visiting the Physics Department of Koç University within a TUBITAK-NSF Joint Research Project.

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