

Department of Electrical and Computer Engineering

Title: « Coping with a Chronic Condition: The Case of Soft Errors »

Dr. Arkady Bramnik

Tuesday 21 March 2017, 12:00- 13:00 p.m.

Room ΘEE-01 148, New Campus - University of Cyprus

Abstract: Soft Error is a big challenge for modern computer industry. Soft errors induce the highest failure rate comparing to other reliability mechanisms. In this talk different aspects of Soft Error will be discussed including general definition, metrics, modeling, protection methods, trends and upcoming challenges.

Biography: : Arkady Bramnik is Senior Computer Architect at Israel Design Center of Intel Corporation in Haifa. He has been with Intel for the past 25 years and contributed to the design and development of a number of Intel products. He currently works on different aspects of computer system fault tolerance including fault rate modeling and features for fault damage reduction. Arkady as a senior design engineer has also contributed in the design of on-chip memory systems and was responsible on several design methodologies. He has a Master degree in Electrical Engineering and is the author of 5 papers and 2 patents.

Note: This is a joint seminar between the Dept. of Computer Science and the Dept. of Electrical and Computer Engineering.