

Trends and challenges in CPU security

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Abstract: Along the years the term “Security” has evolved to accommodate changes in the environment. How do we, as users, perceive security and what do we do to protect our security? How does the industry address the evolving requirements and what are the challenges that product developers face on the way? In this talk, Ittai Anati will scan through various security topics pertaining to the ever-evolving computing platform and will describe some of the challenges his team members are facing and some of the methods they are using to overcome these challenges.

Biography: Ittai Anati is a Senior Principal Engineer with Intel’s Intel Architecture Group (IAG) in Haifa, Israel, focusing on CPU architecture and micro-architecture, primarily in the area of security. Mr. Anati has been with Intel since 1989. Earlier, he was part of the development teams of the Pentium M processor family line, the Core™2 Duo processor family line, and the Core™ processor family line. Mr. Anati received his B.Sc. in Electrical Engineering from the Technion, Israel Institute of Technology, in 1990.