

Intel HPC Update

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Abstract

Traditionally most hardware and software architectural innovations have come through High End Computing. What is in today's supercomputer will be in tomorrow's desktop. What Intel does for HPC and what is the Intel vision and product portfolio for HPC segment will be covered during the lecture. We will discuss new product roadmap and technology adoption strategy. During the talk we will introduce also new dedicated architecture for HPC Intel Many Integrated Core (MIC) and describe the timeline, architecture details and programming model for MIC.