



## Deep Schedule Analysis™ for Critical Management Insight

### Session Title:

F12 - The Hidden Critical Paths (HCP) method – basic and advanced issues

### Session Abstract

HCP (Hidden Critical Paths) is a method of analyzing and optimizing complex construction and infrastructure project schedules. The output of an HCP analysis is a report which conveys invaluable understanding and insight for project managers, executive management and even parties to construction claims.

In most large construction and infrastructure projects, the improved project management enabled by this report dramatically reduces risk and saves millions of dollars. HCP identifies serious flaws in schedule integrity, identifies opportunities for dramatic schedule improvement, reveals hidden risks in the schedule, highlights tasks requiring special attention, ensures alignment between different perspectives on the project and presents an overall confidence measure of a project's likely success.

In this presentation, the HCP method will be explained and demonstrated using actual construction projects and interesting examples.

### Speaker Biography

Tal Levanon is the creator of the Hidden Critical Paths (HCP) method (patent)



and has served as owner and CTO of HCP project management consultancy since 2002. Their expertises are: HCP deep schedule analysis, creating schedules (Gantts) and risk management. Her ideas and methods have been utilized in more than 50 large projects since the end of 2004, in different disciplines, including infrastructure projects (bridges, tunnels, railroads and roads), high tech projects, military industry projects, and construction projects. She holds a B.Sc and M.Sc in IE, both with honors from Tel-Aviv University, Israel and PMI-SP.

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