



# PROJECT MANAGEMENT CHALLENGE 2005

Second Annual NASA Project Management Conference

## Sample Abstract & Biography

### **Abstract of Presentation**

#### **Back to Basics: “Schedule Development and Analysis”**

Scheduling is fundamental to everything we do in project management and is the foundation for estimates, resources and staffing; they have impacts on the bottom line financial health of a company. Schedules are the map to achieving the goals that must be accomplished to complete a project. They are also the communication tools for integration and coordination. The development of the schedule is key and must represent time commitments from all who support the project. The use of networks in the planning of a new project assures communication between team members and provides a better understanding of the project as a whole. The Critical Path Method of schedule analysis is the basis for most project applications. Network development and critical path methodology will be discussed.

Frequently, resources are not considered during schedule development, which results in a schedule that may represent a plan that is inefficient or impractical to implement. Resource demand and availability must be analyzed as part of the scheduling process. The efficient use of resources should also be a goal during scheduling. A method of assessing resource demand versus availability will be presented including criteria for leveling requirements within availability.

This session is for individuals who are new to the concepts of network-based schedules, critical path analysis, and resource demands vs. availability or for those who need reinforcement in the basics.

### **Biography of the Presenter**

**Tina Smith, The ABC Corporation**

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Tina Smith has over 30 years of Scheduling and Financial Management experience with ABC Corporation. During that time she has been involved in the program planning functions of scheduling and budgeting, as well as the design and operation of automated business management systems. She is currently Senior Manager, Program Plans & Schedules for ABC which encompasses schedule baseline establishment, maintenance, cost/schedule integration and customer reporting. She has membership on various corporate teams striving for common processes and systems throughout the ABC Corporation.

Prior to her present position she was Senior Manager of Cost and Schedules Compliance activities for ABC which included EVMS oversight, training and management of the schedule software group. She also was Senior Manager, Program Schedules, Space Station Program, which included management, development and maintenance of the integrated schedule for the MDA portion of the Program.

She also spent time at XYZ Company, where she was the Management Control System (MCS) representative for the engineering portion of the Alpha during the development phase of the program.