



*CTL ROUNDTABLE:
SUPPLY CHAIN PLANNING: EXPLORING THE TRADE-OFF
BETWEEN PLANNING AND EXECUTION*

MIT FACULTY CLUB

AUGUST 29-30, 2012

*Wednesday August 29:
Current Practices & Approaches*

- 12:00 *Registration & Informal Lunch*
- 1:00 ***Welcome, Introductions, and Ground Rules***
All participants will quickly introduce themselves and their organizations. Rules of the roundtable will be introduced.
- 1:30 ***Session I: Overview of the Planning versus Execution Problem***
Dr. Caplice will frame the problem; highlight the trade-offs between optimal planning and flexible response; and describe the current state of the science.
- 2:00 ***Session II: Strategic Planning Tools, Systems, and Approaches***
A discussion of how strategic planning is conducted will be opened by an attendee and facilitated by MIT. Topics include: Current practices, Optimization versus simulation, Robust planning, Incorporating uncertainty, Building in redundancy, Staffing, etc.
- 3:00 *Break*
- 3:30 ***Session III: Operational Execution Systems, Tools, and Approaches***
A discussion of how operations are conducted will be opened by an attendee and facilitated by MIT. Topics include: Current practices and tools, Necessary staffing skills, Dynamic re-planning, Flexible response, Real options, Risk sharing contracts, Sense-making, Visibility and rapid assessment, Heuristics and rules of thumb approaches etc.
- 4:30 ***Session IV: Coordinating the Strategic Plan and Execution***
A discussion of how firms reconcile their strategy with actual operations will be opened by an attendee and facilitated by MIT. Topics include: Limitations with plan, Ease of ability to change, Stickiness of intermediate solutions, Measuring the ripple effect of a change to the plan, etc.
- 5:30 ***Wrap up for Today and Plan for Tomorrow***
Dr. Caplice will wrap up the day's discussions and discuss the plan for Thursday.
- 6:00 *Adjourn to Reception*

Thursday August 30:
Software Tools & Systems

8:00 *Continental Breakfast*

8:30 ***Summary of Previous Day***

Dr. Caplice will provide a quick recap of previous day's discussions along with an opportunity for participants to add any new insights or thoughts.

9:00 ***Session V: Software Developers Panel***

MIT will moderate a panel of representatives from a number of software vendors that develop planning and execution tools. The focus is on the approaches used and the underlying concepts – not a sales pitch of their products.

10:30 *Break*

11:00 ***Session VI: Open Discussion of Planning & Execution Tools***

MIT will facilitate a discussion of the issues raised during the Roundtable. The objective is to uncover and address all previously raised discussion points. All participants will contribute.

12:30 ***Next Steps***

Dr. Caplice will wrap up the Roundtable and discuss potential next steps – to include the planned Roundtable on Supply Chain Visualization for Spring 2013.

1:00 *Adjourn to Optional Informal Lunch*