



TOC Practitioners Alliance – TOCPA

www.tocpractice.com

SHARING EXPERIENCE

16th International TOCPA Conference

23 April 2015, Johannesburg, South Africa

and

Pre-conference TOC Master Classes

21-22 April 2015

Four one-day Master Classes run in parallel in 2 days

Master Class by Philip Viljoen, 21 April 2015

TOC Fundamentals

Philip Viljoen

CEO of TOC Southern Africa Consultants

This one-day master class presents the Fundamental Foundation of the Theory of Constraints on which all applications are based. This is essential knowledge for novices in TOC who wants to understand the body of knowledge better

During the day participants will:

- Test the validity of the Fundamental assumptions of TOC
- Discover how to focus to become more effective managers
- Discover the power of Throughput Thinking
- Discover the Concepts of Flow by playing the dice game
- Be introduced to all the TOC applications

Master Class by Jelena Fedurko, 21 April 2015

Improving Decision-Making with TOC TP – How to Check Justification of Decisions

Jelena Fedurko

**The author of the books “Behind the Cloud: Enhancing Logical Thinking”,
“Through Clouds to Solutions: Working with UDEs and UDE Clouds”,
“Mistakes and Difficulties in Working with TOC Logical Tools”,
“Theory of Constraints Fundamentals”**

This one-day master class combines the areas of decision making and TOC logical tools. Ability to understand the way a decision has been made and to assess validity of its justification allows one to make balanced and responsible decisions. Knowledge of techniques makes this process systematic and reliable.

During the day participants will:

- Look at specific techniques of using cause-effect clusters for ‘reverse engineering’ of a decision
- Look into the difference between necessity and sufficiency logic
- Discuss and practice techniques of recognizing different motivation patterns reflected in decisions
- Discuss in detail the process of raising and checking assumptions in logical clusters
- Work through various examples and cases

Ability to handle reasoning behind cause and effect allows people to gain a better understanding of reality, to verbalize their intuition, to check validity of the statements and to challenge the routine way of making and validating decisions.

Master Class by Oded Cohen, 22 April 2015

Managing For Throughput – Aligning Decision Making, Planning and Execution Control

Oded Cohen

the author of the books

**“Ever Improve – A Guide to Managing Production the TOC Way”,
“Deming and Goldratt”, “Theory of Constraints Fundamentals”**

This one-day master class covers the TOC approach and solution to align top management and all functions reporting to them towards achieving the desired financial performance of the company.

Participants will be presented with the concepts and the major injections of the TOC logistical solutions for managing and improving working systems.

To demonstrate the TOC approach the participants will run a system on the Goldratt Simulator and will have the ability to manage the simulated environment for themselves. As such they will have the ability to get the feel about how the solution works and how different it is to the conventional way or to the way they would have managed.

During the day participants will review and learn:

- The TOC approach and mechanics for Decision Making based on the TOC operational measurements;
- The TOC approach – “Managing for Throughput” and the way it is translated and manifested in setting up the targets for the system;
- The creation of the plan for achieving the set targets;
- The approach and mechanics for controlling the execution of the plan;
- The way to align Targets- planning and controlling the execution

Throughout the master class, the G-Sim simulator will be used. To enable work with the simulator, the participants are expected to have at least one laptop for two participants.

Master Class by Jaco Laubscher, 22 April 2015

**Mastering the Challenges of Project Management and
Multi-project Management with CCPM**

Jaco Laubscher

Managing Director of Realization Africa since 2007

This master class is orientated to apply the TOC Thinking Processes to the process of Project Management.

Content of the session includes:

- The basics around CCPM
- The single- and multi-project environment
- Case-studies and lessons learned
- Summary

Jaco will share some of the latest insights in the combination of project and production environments, as well as some principles that have proven very useful in the implementation of CCPM in organisations.