



Canadian Operational Research Society
Calgary Section

<http://www.corscalgary.org/>

PROFESSIONAL DEVELOPMENT SEMINAR

When: Noon to 1:30 PM, Friday, March 18, 2011

Room 217
TransCanada Tower
450 - 1 Street SW
(See attached map)

SPEAKER

S.T. Enns, University of Calgary

TOPIC

The Problem of Measuring “Lean” Performance

Abstract:

This talk will discuss some of the problems encountered evaluating lean manufacturing, a philosophy that has gained popularity the last two decades. Specifically it will demonstrate how use of inventory turn metrics can lead to very distorted conclusions if the level of outsourcing activity changes. It will also show how cost-time profiles are useful for evaluating improvement opportunities but do not result in a clear metric for making comparisons. However, ongoing research on partitioning purchased component versus value-added processing costs suggests that slope measurements of value-added activity over time can provide useful insights. As well, a new metric is proposed that may better support evaluating manufacturing leanness.

About the Speaker:

Van Enns is a faculty member in the Schulich School of Engineering, University of Calgary. He teaches manufacturing management and operations research related material. His research interests lie mostly in the areas of production planning and control and modelling manufacturing or supply chain systems. He is also interested in performance issues and the historical development of manufacturing systems. His research is supported by the National Sciences and Engineering Research Council (NSERC).

There is no charge for attending the meeting. The room is available until 1:30 PM for those interested in staying afterwards to mingle and meet other OR practitioners.

Sketch of Location for CORS Meetings at TransCanada Tower in Conference Rooms 214 and 217.

