



Invention on Demand:

Managing Innovation with TRIZ

South Texas Society of Plastic Engineers
December 14th, 2009
Technical Meeting



Developed in Russia during the 40's and 50's by Soviet engineer and researcher Genrich Altshuller, TRIZ is a methodology, tool set, knowledge base, and model-based technology for generating innovative ideas and solutions for problem solving. Applications of TRIZ include product development, manufacturing improvement, business process improvement and technology road mapping. TRIZ methods create algorithmic approaches to the invention of new systems, and the refinement of old systems.

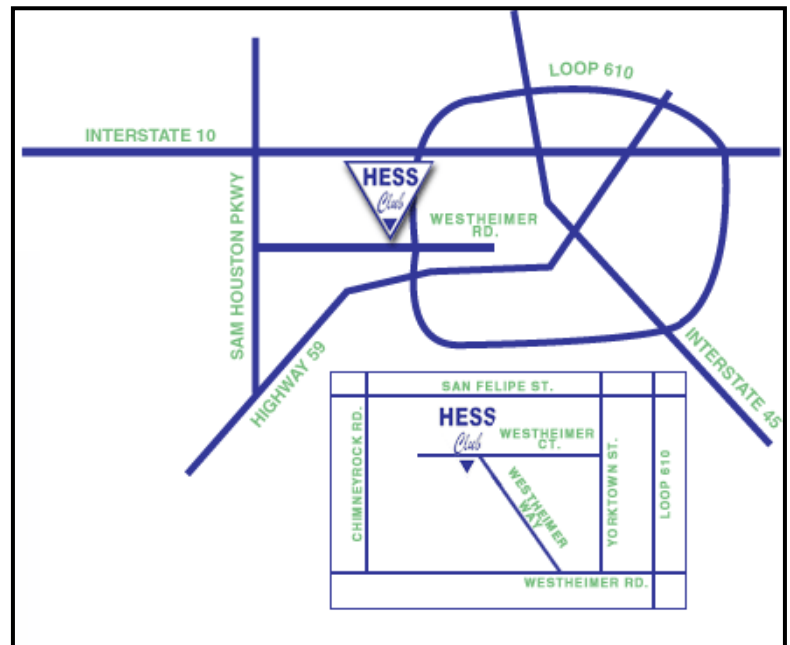
Pete Hanik, President of the consulting service Pretium Innovation of Houston Texas will present the TRIZ (pronounced trees) methods for managing the process of innovation and invention.

Pre-registered Members: \$20
Pre-registered Non-Members: \$25
Pre-registered Students & Unemployed Members: \$10

All prices increase by \$10 the day of the event.
To save on your cost for this event, please register online.
Use the appropriate registration link at <https://www.spe-stx.org>

Schedule:

5:30 to 6:00 – Networking and Socializing
6:00 to 6:45 – Dinner
6:45 to 7:00 – Announcements
7:00 to 7:50 – General Presentation
7:50 to ??? – Questions



Houston Engineering and Science Society
5430 Westheimer Road
Houston, TX 77056



Solving the Inventor's Problems: *Managing Innovation with TRIZ*



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Abstract

TRIZ

Innovation is driven by the need to break out of a current paradigm and perform at superior levels. Achieving breakthrough performance is difficult because it is blocked by systemic contradictions that anchor you to the current paradigm. TRIZ (Russian acronym for Theory of Inventive Problem Solving) is a systematic approach to identifying these underlying systemic contradictions and then leveraging existing resources and subject matter expertise to create innovations and new performance paradigms. This presentation will cover the basics of TRIZ and provide concepts that can be quickly and easily used to improve personal creativity. Several polymer and chemical industry examples will be included.

Speaker Biography

Pete Hanik

Peter Hanik is the founder and President of Pretium Innovation, LLC, a firm providing assistance to clients to generate sustainable economic value through structured innovation methods. Prior to founding Pretium, Mr. Hanik was Senior Vice President of Technology at Millennium Chemicals, President and CEO of Millennium Petrochemicals, Vice President Chemicals & Supply Chain at Quantum Chemical, Vice President Reengineering and Information Systems at Quantum Chemical, Director Applied Research & Technical Service at Quantum Chemical, Regional Sales Manager at Northern Petrochemical, Engineering Manager at Northern Petrochemical and Production Superintendent at Northern Petrochemical. Mr. Hanik holds a B.S. degree in Chemical Engineering from Illinois Institute of Technology and an MBA from the University of Chicago. Mr. Hanik is a registered professional engineer.

UPCOMING EVENTS

January



One Day Seminar On Cavity Pressure and Control

Sponsored by RJG
Including on-machine demonstrations
Early January

February



International Polyolefins Conference 2010

February 21 - February 24, 2010
Hilton Houston North, Houston, Texas