

Does your organisation work systematically when challenged by technical problems?

A 1.5-day workshop delivered by
Paul Filmore

AIM: To provide your technical managers and their teams with a fresh look at problem solving using the latest proven tools, resources and approaches. The limitations arising from your prevailing approaches will be challenged and new value-orientated routines tested.

Outcomes:

At the end of this workshop you will:

- have a refreshed, cutting edge perspective on the invention and innovation process;
- understand the differences between creative and incremental problem solving and know when to use what;
- learn and practise using, a range of systematic innovation tools based on cutting edge, technical, inventive problem solving techniques;
- systematically analyse a burning technical challenge of your own – a personal or an organisational issue;
- generate new solutions and new ways of thinking associated with your technical challenge;
- be better prepared to deliver a feasible action plan to realise smarter, breakthrough solutions.

Process Overview:

This workshop uses presentations, software tools, facilitated group discussion, breakout problem solving groups and individual assessments:

DAY 1:

- Introductions and objective setting.
- Understanding the theory – different approaches to systematic innovation.
- Looking at case studies and applications in a range of industries.
- Using the tools to address a burning challenge of your own.

DAY 2 (half day, 2 weeks later):

- Refresh, re-orientate and Q&As.
- Feedback individual/team experience of using the tools.
- Breakout groups to discuss results.
- Systematic problem solving in practice – discussing the implications for your organisation.

There are, of course, innovations that spring from a flash of genius. Most innovations, however, especially the successful ones, result from a conscious purposeful search for innovation opportunities, which are found in only a few situations.

Drucker

You should attend if...

- ... you have responsibility for your organisation's technical future;
- ... you are concerned that your organisation does not respond systematically to technical challenges;
- ... you want to know about practical strategies for delivering breakthrough inventions, without gambling the companies resources;
- ... you are responsible for a technical team or are a key member of an innovation team.

This workshop can be delivered for a mixed group of technical managers or for cross functional team members.

Facilitator's CV:

Paul Filmore is an expert in the field of innovation. He has twenty years comprehensive experience in education and training, and in developing the personal, professional, research & creative skills of engineers and graduates. More recently he has started sharing this experience with companies



Participants are reminded that we recognise that complete solutions to complex innovation issues cannot be offered in a workshop; instead our workshops are designed to facilitate smarter, more focused thinking about today's technical issues to help you better prepare for the future.



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The Insight Centre is an expert innovation and change management consultancy. We help our clients to confront the process of 'Disruptive Breakthrough'. We have a portfolio of tools and processes underpinned by 20 years technical and change management experience in a wide range of industries and environments.

We work in five key areas:

- **Products:** Technical problem solving facilitation. Assessing threats by competitors. Seeking opportunities for disruptive breakthroughs. Advising action feasibility in the competitive environment.
- **Process:** Auditing routines and procedures that affect next generation and breakthrough business development. Best practice advice.
- **People:** Building or enhancing innovative technical problem solving teams. Assessing and building commitment to disruptive change as a collective imperative. Evaluating and updating skills and talents.
- **Projects:** Advice and support for the initiation and management of projects focused upon the development of new products, services and processes with breakthrough potential.
- **Portfolios:** Assessing portfolios of innovation activity. Conducting product/service maturity evaluations. Creating resource allocation strategies to maximize the benefits of product enhancements, operational efficiency and breakthrough business development.

Please contact us on +44 (0)1579 371078 or by email at:

info@insightcentre.com