

TRIZ Forecast Projects. Specifics and nuances.

Sergei Ikoenko, Dr-Eng, PhD, TRIZ Master

Director, GEN3Partners, Professor (adjunct), MIT



Biography of the Speaker:

Dr. Sergei Ikoenko is one of leading innovation consultants in the world. He has conducted more than 700 courses on innovation and TRIZ for Fortune 500 companies worldwide. Dr. Ikoenko was the primary instructor to deliver corporate TRIZ training programs at Procter & Gamble, Mitsubishi Research Institute, Samsung, LG, Intel, Siemens, General Electric, Hyundai Motor and other world leading corporations. Dr. Ikoenko holds two doctorate degrees – a Ph.D in Industrial Engineering and Dr.-Eng. in Environmental Engineering and Sciences as well as a Master degree in Patent Law. He is the author of more than 97 publications, studied and taught TRIZ since 1986 and holds a certificate of TRIZ instructor from G. Altshuller, the founder of TRIZ. Dr. Ikoenko is a TRIZ Master and has effectively utilized his TRIZ expertise to receive 89 patents in various engineering fields. He is the President of the International TRIZ Association. Dr. Ikoenko is a Six Sigma Master Black Belt, QFD Black Belt and Lean Master-Practitioner. He is a professor (adjunct) of Massachusetts Institute of Technology, USA and an Honorary Professor of the University of Edinburgh, UK. Dr. Ikoenko is Director of Innovation Leadership Programs at a consulting firm GEN3Partners in Boston.

Outline:

Introduction.

1. Technology Forecasting methos overview.
2. TRIZ tools forforecast projects:
 - a) latent MPV discovery: high hierarchal level Function Analysis and Trends
 - b) nuances of using Feature Transfer for forecast projects
 - c) Function-Oriented Search (FOS) for a forecast
 - d) recommendations for using other TRIZ tools for a forecast
3. Pragmatic S-Curve Analysis and technology forecasting.

Conclusion. Q&A.