



Invited Plenary Speech

Analysis of Technology Evolution Trends for Predicting Future Technologies

Speaker Name,

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Abstract/Outline

Establishing a method for the prediction of future technology is crucial in a modern society in which technology develops rapidly and the lifetime of products is very short. However, many future forecasting methods, such as the Delphi technique, scenario planning, and futures wheel, have the potential to produce false results because they rely on individual or collective intelligence in subjective ways. Therefore, the development of an objective method is necessary.

This paper shows 11 trends of technical system evolution existing in the theory of technology development and how these trends can be used to predict future technologies. This new forecasting method based on evolutionary patterns helps to predict future technologies objectively, as opposed to the subjective views of analysis

Keywords: Technological Trend, Evolution, Predict