



## Keynote Speech

# Seeing Around Corners: Using TRIZ & AI To Spot Industry Inflection Points Before They Happen

Speaker Name, **Professor Darrell Mann**,  
CEO, Systematic Innovation Network



### Speaker Biography:

Over the course of the last 25 years, Darrell has helped deliver over \$6B in new value to clients across the world, and has served as the spark behind a dozen spin-out companies. He is the author of over 1000 innovation related papers and articles and a dozen TRIZ/SI-related text-books, the latest pair focusing on intrapreneurs working within large enterprises and the Future-Proofing organisations. He is the chief architect and irritant at the Systematic Innovation Network. Over the years he has held Visiting Professorships at a range of different universities around the world. He is currently a Professor at the University of Buckingham in the UK.

### Abstract/Outline

The book SuperForecasters demonstrates that technical and business futurologists can, at best, can predict no further than 400 days into the future. The more complex and interdependent the world becomes, the shorter that prediction accuracy window becomes. At the opposite end of the prediction spectrum, the TRIZ trend roadmaps offer a clear insight into the long term future. These roadmaps clearly show where industries will evolve in the future, but offer very little insight into when these step-changes and inflection points will occur. Past research has identified some of the key components required to help answer the difficult timing question – customer frustration, hype-cycle position, generation-cycles, market trend conflicts (TrenDNA), etc – but putting them all together into a coherent prediction model and scenario planning tool has so far not been possible. The presentation will demonstrate how the use of advanced AI tools is now making it possible to identify future technology and business inflection points based on the weakest of signals, and to create a new future-prediction paradigm. In the not too distant future, the presentation concludes, the short-term future will become as clear as the TRIZ trend roadmaps have helped make seeing the long-term future.

Seeing Around Corners demands a multi-dimensional systemic approach, which in turn means the TRIZ Law Of System Completeness must be obeyed. The keynote will address each of the seven essential elements of the AI-powered system:

