Digital Cities Summit – Oct 3-4, 2016

Algorithms, Analytics, and Automation: Getting Smart

Day 1 – Panel 10
Algorithms, Analytics, and Automation: Getting Smart

- Smart Algorithms
- Predictive and Adaptive Analytics
- Contextual Intelligence – Deep Learning
- Machine-to-Machine Communications
- Conditioned Based Maintenance

Overview automation and data analytics technologies discussing how they will change the urban experience crossing areas like transportation and healthcare.
Algorithms, Analytics, and Automation: Getting Smart

What’s new, Why it will work this time, what we should do

**Jeff Dalgliesh**, Maana’s Oil and Gas Specialist, Jeff works with Oil and Gas clients to apply machine learning and artificial intelligence techniques to optimize their wide range of assets. Prior to Maana, Jeff worked for Chevron for 18 years.

**Professor John Polak** is Professor of Transport Demand and Director of the Urban Systems Laboratory, Imperial College London and Honorary Professor of Intelligent Transport Systems at South East University in Nanjing, China.

**Adam Porter-Price** leads the Futures function within Booz Allen’s Strategic Innovation Group Providing a data-driven perspective on emerging political, economic, social, technological, demographic, and environmental trends that will have a profound impact on business, government, and society.

**Mike Short** is with Telefonica and has experience with 5 generations of mobile technology and was awarded a CBE by the Queen in 2012.

**Tara Prakriya**, Chief Product Officer at Maana, a Knowledge Platform for Optimizing Assets and Processes.
AI, Algorithms, Deep Learning, Knowledge
Isn’t it all just Operations Research?
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Operations research, or operational research in British usage, is a discipline that deals with the application of advanced analytical methods to help make better decisions.


From the 1940s