

## **Information Generator: Keeping the Lights on**

### **Abstract:**

Decision making to support Ministry of Defence policy, procurement and operations relies on timely and accurate Information obtained through many sources, including sensing. Sensors provide significant volumes of data that can be used to generate Information. In the future this translation will be more difficult owing to contested and congested environments where noise, background clutter signals, spoofing and data volume may be overwhelming. In this context, the information generator may fail, the lights go off, and we cannot see.

In this talk the importance of Signal Processing for Defence will be presented, challenging scenarios/targets highlighted, and successful new approaches for MOD to work with academia and industry shared.