



Contribution ID: 128

Type: **Panelist (Panel Session)**

Analysts versus Algorithms? Exploring the design of effective information analysis systems in the age of 'Big Data'

Tuesday, 6 November 2018 11:07 (7 minutes)

In the age of 'Big Data', the potential value of open-source information for international security-related purposes is widely recognised. Of late, progress in this space has increasingly become associated with software that can expand our ability to gather, filter, interrelate and manipulate data through automated processes. The trend towards automation is both innovative and necessary. Yet for the foreseeable future at least, the effort to harness open source information for safeguards purposes will remain highly dependent on the nuanced judgement and expertise of human analysts. This paper will consider, at a conceptual level, the design of information analysis systems that exploit the strengths, and mitigate the weaknesses of both human analysts and software solutions, obtaining the best contribution from both.

Which "Key Question" does your Abstract address?

TEC3.3

Which alternative "Key Question" does your Abstract address? (if any)

TEC3.3

Topics

TEC3

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Session Classification: [TEC] Automating and Optimizing Data Collection and Processing at HQ

Track Classification: Leveraging technological advancements for safeguards applications (TEC)