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ABSTRACTS

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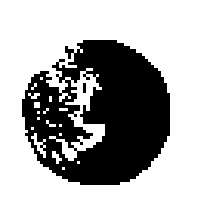

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Balascopy-Based General Systems Technology: Theory, Methodology and Practical Tools

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New theories and technologies frequently promise the moon - but they don't always deliver. Initially, they may appear to be a miracle tool; however, as it works its way toward practical application, the luster often dims. This is not the case with Balascopy. Balascopy (Balance + Scope) is an axiomatic General Systems Theory, Methodology and Systems Tools for detection, identification, representation and assessment of specific Systems Features in natural, manmade or human-conducted super-complex systems with presently unpredictable dynamics and outcomes.

This presentation will define and demonstrate the following:

Systems Space and Natural Systems Equivalent Units

Complex Systems Features: Systems Control, Systems Regulation, Systems Coordination and seven distinct types of complex interactions among them

Systems States: Balance vs. Out-of-Balance; Simple Imbalances vs. Complex Dysbalances in the form of Linears, Loops, Fans, Webs, Spheres and their combinations

Primary, Secondary, and Tertiary Meta-Networks of Systems Dysfunction

Ten levels of severity of Systems Dysfunction and their measurement and representation

Abstract High-Dimensional Systems Spaces and pragmatic use of 66-D Systems Space

Balascopy can provide a new type of useful System Knowledge which is not available from any other currently existing modalities.

Keywords: Balascopy, Systems Features, System Equivalent Units, Meta-Networks of Dysfunctions

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