

The logo for MIT Sdn (System Design and Management) features a stylized, multi-faceted pyramid or dome structure in shades of red and blue. Below the structure, the text "MIT Sdn" is displayed in a white, sans-serif font.

MIT Sdn

System Design
and Management



MIT Conference on Systems Thinking for Contemporary Challenges

Healthcare

Energy

Space

Environment

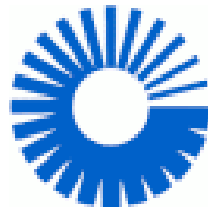
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system design and management

What Is Systems Thinking?

- Traditional analysis is centered in decomposition and study of the components of a system
- Systems Thinking is centered in context, interfaces and emergent behaviors—the *interstitial* elements around and within the system; the ‘whole’ rather than the decomposed elements
 - Systems Thinking recognizes that systems often exhibit behaviors not related to their individual elements in any linear, reductionist combination
 - Modeling relationships and behaviors is a key to understanding a complex-adaptive system