The Open Workshop on Decision-Based Design: Origin, Status, Promise, and Future

Wei Chen Mechanical Engineering M/C 251 University of Illinois at Chicago 842 W. Taylor Chicago, Illinois 60607-7022

Kemper Lewis Department of Mechanical and Aerospace Engineering University of Buffalo Buffalo, New York 14260

> Linda C. Schmidt Department of Mechanical Engineering University of Maryland College Park, Maryland, 20742-3035

ABSTRACT

The design perspective known as Decision-Based Design (DBD) has been under investigation via a web site-based workshop. During its first three years of operation, the Open Workshop focused on defining design from a DBD perspective and investigating the proper role of the DBD perspective on design. The workshop seeks to establish connections between theories in other disciplines, included and related to decisionmaking, and design. These relationships enrich our design theory foundations and provide insight for researchers. This paper summarizes the activities of the workshop as seen through the eyes of the organizers.

Taken from Chen, W., K. Lewis, and L. C. Schmidt, "The Open Workshop on Decision-Based Design: Origin, Status, Promise, and Future," <u>Journal of Engineering Valuation and Cost Analysis</u>, 2000(3): 57-66.