

SE&T Colloquium Series-Winter 2013

Speaker	Mr. Bill Bertelsen Chief Test Engineer, Gougeon Brothers, Inc. Host: Dr. Tom Kullgren
Title	<i>Rethinking the Flying Machine from the Ground Up – The Bertelsen Arc Wing</i>
Abstract	In 1957 the late William R. Bertelsen of Bay City conceived the idea of an arc-wing aircraft capable of vertical take-off and transition to level flight. He built several models that he demonstrated for NACA at Langley, Virginia. But the space program intervened and interest in novel flying machines waned. In 2009 his son, William D. Bertelsen took out a U.S. patent on the invention (another is pending) and he has carried on the work to include a 40% scale model. SVSU assisted in the flight testing by instrumenting the main spar to identify characteristics of the flying machine lift. Bertelsen (representing Bertlesen Design LLC) will talk about his flying machine to include videos of flight testing in this very first public presentation of the Bertelsen Arc Wing.
Date	Tuesday, April 9
Time	4:10-5:00pm
Place	Pioneer 240
	Refreshments will be served at 4:00pm.