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Introduction

This is the 19th edition of the Degraded Visual Environments; Enhanced, Synthetic, & External Vision Solutions conference. Papers from the first two conferences were published in Image Sensing, Processing, and Understanding for Control and Guidance of Aerospace Vehicles, SPIE Proceedings Vol. 2220 (1994) and Synthetic Vision for Vehicles Guidance and Control, Vol. 2463 (1995). The subsequent conferences were titled Enhanced and Synthetic Vision YYYY (year). While the name of the Conference has been reshaping as technology and the challenges have changed, the focus is still to offer a forum to discuss Enhanced and Synthetic Vision Systems technologies with today's emphasis in platform operations in degraded visual environments. The primary goal is to provide research and development guidance and alignment between academia, industry and government organizations, and to raise awareness of emerging concepts, capabilities, testing, standards, and requirements for enhanced and synthetic vision solutions.

Kenneth L. Bernier
Jeff J. Güell