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UNMANNED GROUND VEHICLE



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Venkataraman Sundareswaran (Sundar) is the manager of the Interactive and Autonomous Systems department at Teledyne Scientific Company. He leads a team of scientists in creating innovative concepts and solutions for cutting-edge challenges in unmanned vehicle, image analysis and human computer interaction technologies.

Sundar joined the company in December 1996 as a Member of Technical Staff to work on a multi-year Army program to develop advanced, interactive displays. He provides technical leadership on a number of projects sponsored by the Department of Defense, as well as on projects for strategic industrial partners. He also has served on program committees for the International Symposia on Mixed and Augmented Reality and international workshops on Multimedia Data Mining during the past eight years.

Sundar was the software system integration lead for the SciAutonics team that participated in the final event of the 2004 DARPA Grand Challenge, and subsequently developed key algorithms for the TerraMax vehicle that successfully completed the 2005 event.

Sundar graduated with a doctorate in computer science in 1992 from New York University. He has more than 40 publications in peer-reviewed journals and conferences.

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