

The Field Robotics Center

Seminar Series

Fri, August 2 GHC 2109 12:30PM-1:30PM



Edgar Stadler



Martin Wüstefeld

Food and Drinks will be served

**Edgar Stadler &
Martin Wüstefeld
SICK AG**

3D Measurement and Man-Machine Cooperation

Abstract:

SICK AG focuses on the development, production and sales of intelligent sensors and sensor solutions for factory, logistics and process automation. The presentation centers on two important technology trends at SICK AG: moving from 2D to 3D measurement technologies and more sophisticated industrial safety systems. Mr. Edgar Stadler will present the latest 3D product portfolio from SICK AG. He will present the measuring principles for 3D measurement devices and describe how the shift from 2D to 3D moves more and more features from hardware to software. Mr. Martin Wüstefeld will present how man-machine cooperation underpins the application and operation of safety sensors and systems. Mr. Wüstefeld will conclude by presenting the need for safety standards before more advanced man-machine cooperation can be fielded.

Speaker Bio:

Mr. Edgar Stadler joined SICK AG in 1992 and has held positions of increasing responsibility since joining the firm. Positions include Team Manager for R&D, Manager of Application Software and Division Manager R&D for Advanced Industrial Sensors. He currently heads up SICK AG's business unit and R&D for 3D compact systems. Mr. Stadler earned a diploma in Electrical Engineering from the University of Karlsruhe in 1986.

Mr. Martin Wüstefeld is currently head of System Technology and Safety Management for SICK AG. Prior to this position, he headed development of SICK AG's Optics Safety Sensors. Mr. Wüstefeld joined SICK AG in 1988 after earning a diploma in Precision Engineering.



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