



TERRAMAX™  
UNMANNED GROUND VEHICLE



**Michael Köhler**  
**Director System Development**  
**Ibeo Automobile Sensor**

Michael Köhler joined the company in July 2002 and is now head of the System Development Department at Ibeo. His research focuses on the implementation of advanced signal processing algorithms for environmental modeling and on Advanced Driver Assistance Systems for passenger cars, trucks and buses. This includes applications like ACC Stop&Go, PreCrash, Pedestrian Protection, Automatic Emergency Braking, and Turning Assist in trucks.

Köhler is engaged in all administrative issues of the department. This includes supervision of the overall system architecture and management of activities within European research projects. He also has worked in the Sensor Development Department and was mainly involved in the development of the ALASCA A0 and ALASCA XT Laser scanner sensor devices. His research was focused on the development of advanced "time of flight" measurement methods which have been deployed in the actual IBEO ALASCA XT sensors.

Prior to Ibeo, Köhler was a development engineer at "VCS Nachrichtentechnik, Bochum." Here, he was a part of the EUMETSAT project at the Meteosat Second Generation - Data Acquisition and Dissemination Facility. He helped to create a design for a digital satellite receiver for the Meteosat second generation satellite.

Köhler graduated from the University of Dortmund in 1998. Since then his work in accurate pre-crash detection has been featured at the 2004 World Congress on Intelligent Transport System (ITS) in Nagoya.

For more information, please visit [www.terramax.com](http://www.terramax.com) and [www.ibeo-as.com](http://www.ibeo-as.com).

Contact: Katie Paulson  
E-mail: [kpaulson@psbpr.com](mailto:kpaulson@psbpr.com)  
Telephone: (612) 455-1706

Contact: Michael Köhler  
E-mail: [Michael.Koehler@ibeo-as.com](mailto:Michael.Koehler@ibeo-as.com)  
Telephone: (49-40) 6458 7182