



TERRAMAX™
UNMANNED GROUND VEHICLE



WINFRIED JUSTUS
Manager, Driver Assistance Systems
Ibeo Automobile Sensor

Winfried Justus joined Ibeo as the manager of Driver Assistance Systems in 2004. He is responsible for research and development of sensor system development, vehicle control design, system setup and maintenance of experimental vehicles, and advanced driver assistance systems, including automatic cruise control (ACC) Stop&Go.

Prior to working at Ibeo, Justus worked on the creation of a driver assistance system that has a "lane departure warning" (LDW) program which warns a driver when the vehicle begins to move out of its lane unintentionally. He also worked on algorithm development, object tracking, sensor data processing, and laser-scanner technologies.

Since graduating, Justus has written many published articles and given presentations at conferences including: "Roadway Detection and Lane Detection using Multilayer Laser-scanner," *AMAA* Berlin, March 2005; "Lane Estimation and Departure Warning using Multilayer Laser-scanner," *ITSC* Vienna, September 2005; "Traffic Jam Assistant with Laser-scanners," *ITS* San Francisco, November 2005; and "Full Speed Range ACC using a Laser-scanner," *WIT* Hamburg, March 2006.

Justus received his electrical engineering degree from the University of Ulm, in the area of Engineering Science.

For more information, please visit www.terramax.com and www.ibeo-as.com.

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

Contact: Winfried Justus
E-mail: Winfried.Justus@ibeo-as.com
Telephone: (49-40) 6458 7228