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John Beck is director of Autonomy & Active Safety within Global Technology, Advanced Products Engineering at Oshkosh Corporation. He has responsibility for the company's autonomous vehicle and advanced driver assistance (ADAS) developments and technology partners.

Beck has led Oshkosh's efforts to develop its TerraMax™ unmanned ground vehicle (UGV) system, working with technology partners and organizations such as the Defense Advanced Research Projects Agency (DARPA), Naval Surface Warfare Center (NSWC), Robotics Technology Consortium (RTC), Joint Ground Robotics Enterprise (JGRE), the U.S. Marine Corps Warfighter Lab (MCWL) the U.S. Army Combat Capabilities Development Command Ground Vehicle Systems Center (CCDC GVSC) [formerly Tank Automotive Research, Development and Engineering Center (TARDEC)] and the Office of Naval Research (ONR).

Beck graduated from DeVry Institute of Technology in Lombard, Ill., with a bachelor's degree in electronics engineering.

**Professional Memberships:**

- Association for Unmanned Vehicle Systems International (AUVSI)
- Institute of Electrical and Electronics Engineers (IEEE)
- International Society for Optics and Photonics (SPIE)
- National Advanced Mobility Consortium (NAMC)
- National Defense Industrial Association (NDIA)
- SAE International (formerly Society of Automotive Engineers)

**Publications:**

- TerraMax: Team Oshkosh Urban Robot, Y.-L. Chen, V. Sundareswaran, C. Anderson, A. Broggi, P. Grisleri, P. P. Porta, P. Zani, and J. Beck, *Journal of Field Robotics*, vol. 25, pp. 841-860, Oct. 2008
- The Passive Sensing Suite of the TerraMax Autonomous Vehicle, A. Broggi, A. Cappalunga, C. Caraffi, S. Cattani, S. Ghidoni, P. Grisleri, P. P. Porta, M. Posterli, P. Zani, and J. Beck, in *Procs. IEEE Intelligent Vehicles Symposium 2008*, pp. 769-774, June 2008