

Marine Robot Autonomy



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Applanix - a Trimble Company - Mobile Mapping and Positioning Solutions accurately and reliably capture and measure the world around us.

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A robot is a machine—especially one programmable by a computer— capable of carrying out a complex series of actions automatically. Robots can be guided by an external control device or the control may be embedded within. Robots may be constructed on the lines of human form, but most robots are machines designed to perform a task with no regard to how they look.

Robot - Wikipedia

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Proceedings of the 17th World Congress The International Federation of Automatic Control Seoul, Korea, July 6-11, 2008 BigDog, the Rough-Terrain Quadruped Robot Marc Raibert, Kevin Blanespoor, Gabriel Nelson, Rob Playter and the BigDog Team Boston Dynamics, Waltham, MA 02451 USA (Tel: 617-868-5600; e-mail: mxr@BostonDynamics.com).

BigDog, the Rough-Terrain Quadruped Robot - ScienceDirect

BLUEBIRD SITE NAVIGATOR. Robotics and autonomy in the marine environment will enhance the future of mankind

BLUEBIRD SITE NAVIGATOR - OFFICIAL BLUEBIRD MARINE SYSTEMS ...

The Modular Advanced Armed Robotic System (MAARS) is a robot that is being developed by Qinetiq. A member of the TALON family, it will be the successor to the armed SWORDS robot. It has a different, larger chassis than the SWORDS robot, so has little physically in common with the SWORDS and TALON robots.

Modular Advanced Armed Robotic System - Wikipedia

The Army is looking to up its subterranean warfare capabilities with drone technology that would allow soldiers map out tunnels

The Army Is Looking For A Robots To Map Out Tunnels - Task ...

The U.S. naval fleet of the future may one day include submarines without a sailor from bow to stern that prowl the depths of the ocean, navigating mine-infested waters to gather intelligence or ...

The Navy is starting to put up real money for robot ...

From Coast to Deep Ocean - Making Sense of Changing Seas. The National Oceanography Centre is the United Kingdom's centre of excellence for oceanographic sciences.

National Oceanography Centre | From Coast to Deep Ocean ...

Membership. AARAO's mandate is to promote the communication, exchange of information and professional development of its members. Please note: The AARAO Executive Committee is currently reviewing the membership process.

Membership | AARAO

"There's a need to develop greater autonomy for UUVs than there was for UAVs [unmanned aerial vehicles] and ... to have enough trust in the system, which can only be achieved through testing ...

Boeing is building 'Orca' robot submarines under quarter ...

Easy Build Self Balancing Electric Skateboard: What is it? Twin wheeled skateboard that works like a Segway. Electric skateboards exist already with powered rear wheels. Plan here was to build something like a Segway but in the form of a skateboard. It knows which way is "up" via a combina...

Easy Build Self Balancing Electric Skateboard: 42 Steps ...

Stephen Brown innovation manager Shell Trading UK. Biography: Stephen joined Shell in 1995 as an engineer cadet and progressed through the marine engineering ranks until his eventual promotion to chief engineer in 2005 sailing on a variety of vessels for several LNG projects. He commenced a permanent office position as an engineer superintendent in 2005 working within the NLNG operations team.

Speaker List | Autonomous Ship Technology Symposium 2019

Research in soft matter engineering has introduced new approaches in robotics and wearable devices that can interface with the human body and adapt to unpredictable environments. However, many ...

Untethered soft robotics | Nature Electronics

The Department of Homeland Security is working on an in-house contract focusing on agile development to accelerate the modernization of information technology for the agency and its components ...

DHS Looks to Build In-House Contract for Agile Development

Jaybridge Robotics develops vehicle automation for heavy equipment applications. From vehicle assist to full vehicle autonomy, Jaybridge offers proven solutions for enhanced productivity, increased revenue and improved safety.

Jaybridge Robotics

B.Hepworth and Co. Ltd - News - Design, manufacture and worldwide supply of bespoke windscreen wiping, washing and control systems including refurbishment wipers and pneumatic replacement wiper systems

B.Hepworth and Co. Ltd - News - News on windscreen wiper ...

Overview "More autonomy and intelligence will come to offshore operations. The cost savings and safety improvements are too great to ignore. Professionals should join this seminar to understand how these technologies will change operations and hear from experts in the field who are making these changes happen today, now."

Robotics and Autonomous Systems in Offshore Wind Operation ...

The Office of Management and Budget introduced on June 29 a new part of its Circular A-11 that instructs government agencies to craft customer experience frameworks and guides on how to manage ...

White House Amends OMB's Circular A-11 to Boost Gov't ...

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