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**POWERED
EXOSKELETON**
LEADS A NEW CLASS
OF ELECTROMECHANICAL
GEAR THAT WILL PUT
PARAPLEGICS BACK
ON THEIR FEET

WALKING AGAIN

IT'S ONE
OF **14**
LIFE-ALTERING,
GAME-CHANGING
ADVANCES THAT
MADE OUR 2012

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TECH**
SPECIAL
REPORT

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SPECIAL
REPORT

TOP TECH 2012

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Tamara Mena has been confined to a wheelchair since a car accident six years ago. Now Ekso legs have allowed her to get back on her feet. See Mena's Ekso system in action in an exclusive video: <http://spectrum.ieee.org/ekso0112>



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REDUCING ACCIDENTS WITH SMARTER CARS

Up to 90 percent of all car crashes caused by driver error could be eliminated with more-intelligent transportation systems, according to several IEEE members. Embedded systems, sensors, and microprocessors are just some of the technologies that could help. Learn what IEEE members are doing in this area.

NEW BOOK ON DEVELOPING LEADERS AND MANAGERS

Most books on effective leaders focus on CEOs, presidents, and others working at such lofty levels. But the important role of the manager is often overlooked. A new IEEE e-book on management says effective managing cannot exist without some level of leading.

IEEE AEROSPACE CONFERENCE

The 2012 IEEE Aerospace Conference, being held in Big Sky, Mont., from 3 to 10 March, promotes the interdisciplinary understanding of aerospace systems, their underlying science and technology, and their applications to government and commercial endeavors.

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