

Design News Editorial Calendar 2011

	January	February	March	April	May	June	July	August	September	October	November	December
	Theme: Alternative Energy		Theme: Extreme Design			Theme: Safety				Theme: Supply Chain		
Electronics & Test <small>ICs, power management, power supplies, LED, LCD, DSPs, sensors, MCUs, IP&E, and other electrical/electronic components</small>	Survey: Electronics for renewable energy designs	Robotic gadget trends for consumer and professional use	Energy harvesting designs	Survey: Designing with LEDs	Automotive electronics: Microcontroller reduction	Defense security issues	New battery technologies for tracking and tracing	Portable medical device design	EV and hybrids' battery technologies	RFID	Survey: Consumer electronics	Proliferation of embedded electronics
Materials & Assembly <small>metals, alloys, plastics, elastomers, rubber, prototyping, coatings, fasteners and joining technologies</small>	Conductive plastics for solar	Liquid silicon rubber for injection molding	Under the auto hood materials trends	Integrated assemblies	Survey: Renewable polymers and bioplastics	Medical implantables	Survey: Design for disassembly and recycling	Micromolding: Plastics and metal nanoscale design	Rapid prototyping: 3D printers	Survey: Injection mold design for component performance	New metal alloys and plastics for structural design and harsh environments	Additives manufacturing for low-volume production
Design Hardware & Software <small>CAD/CAM/CAE, PLM, PDM, test, evaluation, modelling and simulation hardware and software and related peripherals</small>	Digital prototyping for alternative energy applications	Survey: Incorporating social media into collaborative CAD	Simulation and 3D in Terrafugia design	Lean in early stages of product development	Design for materials optimization in normal duty and harsh environments	Human simulation for ergonomics	CAD interoperability	High-performance computing	Designing user interfaces	Multi-company collaborative CAD	Design for regulatory compliance	Survey: Mobile design tools and apps
Automation & Control <small>motors, drives, controllers, actuators, sensors and vision systems, HMIs, networks, I/O, slides, bearings, robotics, motion control, machine control, fluid power, power transmission</small>	Trends in solar energy automation	HMIs in machine design	Motion control in harsh environments	Survey: Industrial Ethernet and wireless	Wind turbine motion control	Programmable Safety 2.0	Miniature motion control in medical devices	Sensors and machine vision help robots work alongside humans	Survey: Energy efficient motors and drives	Survey: Designing systems for connectivity from the sensor to the enterprise	Smart motion: Combining drives, controllers and sensors with actuators	Hydraulic hybrids
Special Coverage & Report Sections	Fluid power/Power transmission	<ul style="list-style-type: none"> Medical: Intelligent device design Mechatronics: Aerospace/defense 	Golden Mousetrap Best New Product Awards	Automation & Controls: System integration trends	Fluid power/Power transmission	<ul style="list-style-type: none"> Mechatronics: Robotics Aerospace/Defense technologies 	<ul style="list-style-type: none"> Annual Salary and Career Survey Automation & Controls: Networking trends 	Fluid power/Power transmission	<ul style="list-style-type: none"> Mechatronics: Medical Packaging machinery technology 	Fluid power/Power transmission		<ul style="list-style-type: none"> Mechatronics: Industrial automation Medical: Portable devices
Webcasts	<ul style="list-style-type: none"> Electronics for renewable energy designs Trends in solar energy automation 	<ul style="list-style-type: none"> Intelligent medical devices Mechatronics: Aerospace/defense 	Designing for harsh environments: Motion control	<ul style="list-style-type: none"> Designing with LEDs: Thermal management Industrial networking: Application trends for wired and wireless 	Alternative Energy: Trends in wind power designs	<ul style="list-style-type: none"> Safety in Materials: Medical devices for human implantation Mechatronics: Robotics 	Miniaturized motion control	Micro molding and nanoscale metal tooling design	<ul style="list-style-type: none"> Energy efficiency: Motors/drives Mechatronics: Medical 	<ul style="list-style-type: none"> Energy efficiency: Pneumatics/hydraulics Designing systems for connectivity from the sensor to the enterprise 	Smart Motion: Connecting controller and actuator in one device	<ul style="list-style-type: none"> Mechatronics: Industrial automation Embedded electronics in consumer products
Polybagged Supplements			Trend Watch: Sensors		Trend Watch: Medical			Trend Watch: Materials & Assembly		Trend Watch: Electronics	Trend Watch: Automation & control	
Readex Studies & Bonus Event Distribution	MDM West & Aerocon Show	MDM Florida	MDM New England	Readex Study; WindPower 2011	MDM East			MDM Rosemont Assembly Tech Expo	Readex Study; PackExpo; Solar Power International 2011	MDM Minneapolis		