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Win a Book		Hom	Home > News > Atmospheric Science				6 Jun 2011		rticle		
News			FirstScience News Provided by Eurekalert!					 Earth's History: Freeze and Fry Interview: James 			
> Breaking news											
> Agriculture			Driving changes in automotive safety					Lovelock on Climate			
> Archaeology			- 13 May 2011						Change		
> Atmospheric Science		ice By E	By EUREKA				Page 1 of 2		and Beyond		
> Biology		The t	total number of cars proc	ed the 70 r	d the 70 million mark.		FirstScience Shop 🦉				
> Cancer		Euro	pe is home to 27 per cer	er of new c	ars and drivers on	Celestron 8x25 Waterproof					
> Chemistry and Physics		sics impe	imperative.				/ has become	waterproof <u>binoculars</u>		binoculars	
> Earth Science		Over	Over 40,000 lives are lost in the EU in 2008 as a result of road traffic accidents, with a						\$39.95		
> Educa	tion	furth	further 1.7 million citizens injured in such incidents. The European Commission has highlighted passive safety devices, such as electronic stability controls. speed limitation						an	Crystal Growing	
> Infectious Diseases			systems and seatbelt reminders as essential tools in reducing this figure. While the					Growing Kit		<u>Kit</u>	
> Mathematics			such electrical systems, they are placing greater demands on e				existing technology, which		Aneriod		
> Medici	ine & Health	can o	can compromise reliability and result in costly product recalls.						Barometer		
> Nanote	echnology					A collabo	orative approach	\$29.95		X	
> Oceanography		N				ELIAS, a highly collaborative research project consisting of 11 partners from five countries, addressed this issue and has already produced highly promising results which could have a substantial impact our cars, helping to save money and, more inerclarthy. If we The		Scientist S	Set	<u>Scientist</u>	
> Science Business		01						\$29.95		<u>Set</u>	
> Science Policy			Find Qualified Suppliers for					> Find 1000s more science gadgets & gizmos			
> Social & Behavioural		al	more than 10000								
> Space			Industrial Products &					Dr Dave Reay An expert writes about climate		1	
> Technology			Machinery.								
Articles			** • • • ®				EUREKA-supported project		change		
Blogs and Opinions			India's Largest B2B Marketplace			was comprised of circuit designers, experts in					
Facts						semicond	luctor technology	AdChoices I>			
Poems & Quotes		(0.15					computer-aided design		Asian Singles		
Games & Quizzes		(CAL the v	(CAU) provider and the German car manufacturer Daimier AG, who all offered insight into the various demands placed on modern electrical systems employed in car design. Together, they worked to develop new test and simulation-based methodologies to improve product reliability and reduce failures.						For Dating Chinese women seek men for love		
Sights & Sounds		Toge									
FirstScience Shop			While the initiative benefited greatly from its highly collaborative nature, project leader						and marriage.		
FirstScie Browse by o Earth Humans Machines Space	nce DVDs category Origins Nature Technolo Mysterie	Char supp MED recor ogy qualitions s innov	Charlotte Rohr (Robert Bosch GmbH, Germany) is eager to assert that the influence and support of EUREKA has been fundamental to their success: "Throughout the project the MEDEA+ review committee within the EUREKA bodies has offered support and recommendations in order to ensure that the investigations are of the highest possible quality." The ELIAS team was awarded the Jean-Pierre Noblanc Award as the most innovative MEDEA+ project in 2009.					Join today for free. www.asiamatchonline.con			
Big Theories Ads by Google Road Safety Signs Road Safety Child Road Safety			ELIAS partners have developed common agreed test methods and quantitative ageing models for the major stress mechanisms at silicon and package level. In addition, they have validated these models using diverse semiconductor technologies, casting light on the various ageing effects that electrical devices are likely to experience, such as high temperatures and voltage. As a major outcome, an ageing simulator suitable has been developed, integrated fully in the project partners' design environments, and introduced into the CAD marketplace.								

Improving reliability, cutting costs

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