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Product Liability ♦ Vehicular Accident Reconstruction ♦ Premise Liability
Mechanical, Electrical, Civil, Chemical, Biomechanical, Metallurgical, Structural

Newsletter

June 2007

This newsletter is brought to you by Florida Forensic Engineering, Inc. as a service to our valued clients and other professionals with whom we hope to establish a business relationship. Every month, we will bring you news, reviews, article summaries, company information, and recent developments in the field of forensic engineering!

Recent Forensic and Safety Articles

Many times throughout the research process we run across articles that we identify as possible sources of information. We believe that some of these would broaden your knowledge of recent forensic engineering research and possibly provide you with information for one of your cases.

Shown below are **Titles of recent articles and their source** in the area of slip and fall-premise liability, motor vehicle accidents, product liability, and biomechanics.

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Motor Vehicle:

Evaluation of fatigue life of aluminum alloy wheels under radial loads

[*Raju PR, Satyanarayana B, Ramji K, Babu KS. Eng Failure Anal 2007; 14\(5\): 791-800.*](#)

Failure analysis of a motorcycle brake disc

[*Boniardi M, D'Errico F, Tagliabue C, Gotti G, Perricone G. Eng Failure Anal 2006; 13\(6\): 933-945.*](#)

Failure analysis of a passenger car coil spring

[*Das SK, Mukhopadhyay NK, Kumar BR, Bhattacharya DK. Eng Failure Anal 2007; 14\(1\): 158-163.*](#)

Fracture strength of welded aluminium joints in commercial road vehicles

[*az-Rubio FG, Franco DC, Sanchez-Galvez V. Eng Failure Anal 2006; 13\(2\): 260-270.*](#)

Biomechanics of under ride motor vehicle crashes

[*Kumar S, Sances A, Enz B, Frieder R. Biomed Sci Instrum 2007; 43: 30-3.*](#)

Failure analysis of the suspension spring of a light duty truck

[*Eryurek IB, Ereke M, Goksenli A. Eng Failure Anal 2007; 14\(1\): 170-178.*](#)

Effectiveness and driver acceptance of the Honda belt reminder system.

[*Ferguson SA, Wells JK, Kirley BB. Traffic Injury Prev 2007; 8\(2\): 123-9.*](#)

Motorcycle sliding coefficient of friction tests

McNally BF, Bartlett W. [Accid Reconstr J 2007; 17\(2\): 47-49.](#)

Tractor-trailer ABS brake testing on dry pavement

Crawford J, Lipian H, Dent D, Meyer D, White T, Danniger S. [Accid Reconstr J 2007; 17\(2\): 19-22.](#)

Efficacy of Side Airbags in Reducing Driver Deaths in Driver-Side Car and SUV Collisions

McCartt AT, Kyrychenko SY. [Traffic Injury Prev 2007; 8\(2\): 162-70.](#)

Biomechanics:

Heel flap injuries in spoke wheel accidents

Suri MP, Naik NR, Raibagkar SC, Mehta DR. [Injury 2007; 38\(5\): 619-24.](#)

Association between Body Mass Index and Acute Traumatic Workplace Injury in Hourly Manufacturing Employees

Pollack KM, Sorock GS, Slade MD, Cantley L, Sircar K, Taiwo O, Cullen MR. [Am J Epidemiol 2007; ePub\(ePub\): ePub.](#)

Biomechanical evaluation of occupant anthropometry during frontal collisions

Frieder R, Kumar S, Sances A. [Biomed Sci Instrum 2007; 43: 75-80.](#)

Factors influencing the injury pattern and injury severity after high speed motor vehicle accident-A retrospective study.

Weninger P, Hertz H. [Resuscitation 2007; ePub\(ePub\): ePub.](#)

The current injury situation of bicyclists-a medical and technical crash analysis

Richter M, Otte D, Haasper C, Knobloch K, Probst C, Westhoff J, Sommer K, Krettek C. [J Trauma 2007; 62\(5\): 1118-22.](#)

Hip fractures among the elderly: personal and contextual social factors that matter

Reimers A, Laflamme L. [J Trauma 2007; 62\(2\): 365-9.](#)

Lower extremity injuries in children seated in forward facing child restraint systems

Jermakian JS, Locey CM, Haughey LJ, Arbogast KB. [Traffic Injury Prev 2007; 8\(2\): 171-9.](#)

General:

Analysis of failed aircraft wheel assembly

Kobayashi T, Shockey DA. [Eng Failure Anal 2006; 13\(1\): 65-74.](#)

Fracture mechanics of mining dragline booms

Dayawansa P, Chitty G, Kerezsi B, Bartosiewicz H, Price JWH. [Eng Failure Anal 2006; 13\(4\): 716-725.](#)

Safety factors in the design and use of pressure equipment

Darlaston J, Wintle J. [Eng Failure Anal 2007; 14\(3\): 471-480.](#)

Safety factor requirements for the offshore industry

Stacey A, Sharp JV. [Eng Failure Anal 2007; 14\(3\): 442-458.](#)

Hot air sauna burns.

Ghods M, Corterier C, Zindel K, Kiene M, Steen M. [Burns 2007; ePub\(ePub\): ePub.](#)

Tap water scalds among seniors and the elderly: Socio-economics and implications for prevention

[Alden NE, Bessey PQ, Rabbitts A, Hyden PJ, Yurt RW. Burns 2007; ePub\(ePub\): ePub.](#)

Complex machinery needs simple explanation

[Reinert D, Brun E, Flaspoler E. Safety Sci 2007; 45\(5\): 579-587.](#)

Please do not hesitate to call with your technical engineering issues which may require analysis.

We thank you for your continued support,

Florida Forensic Engineering, Inc.

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