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

Newsletter

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IN THIS ISSUE

MOTOR VEHICLE

BIOMECHANICS

SLIP & FALL

GENERAL

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.

MOTOR VEHICLE:

Capturing attention to brake lamps

McIntyre SE. Accid Anal Prev 2008; 40(2): 691-6.

Characteristics of unprotected left-turn accidents at signalised intersections

Yan X, Radwan E. Int J Inj Control Safe Promot 2008; 15(1): 45-8.

Comparison of roadside crash injury metrics using event data recorders

Gabauer DJ, Gabler HC. Accid Anal Prev 2008; 40(2): 548-58.

Differences of drivers' reaction times according to age and mental workload

Makishita H, Matsunaga K. Accid Anal Prev 2008; 40(2): 567-75.

Factors influencing occupant-to-seat belt interaction in far-side crashes

Douglas CA, Fildes BN, Gibson TJ, Boström O, Pintar FA. Annu Proc Assoc Adv Automot Med 2007; 51: 319-39.

Misuse study of LATCH attachment: A series of frontal sled tests

Menon R, Ghati Y. Annu Proc Assoc Adv Automot Med 2007; 51: 129-154.

Statistical analysis of "looked-but-failed-to-see" accidents: Highlighting the involvement of two distinct mechanisms

Koustanai A, Boloix E, Van Elslande P, Bastien C. Accid Anal Prev 2008; 40(2): 461-9.

BIOMECHANICS:

Correlation of strain and loads measured in the long bones with observed kinematics of the lower limb during vehicle-pedestrian impacts

Untaroiu C, Kerrigan J, Kam C, Crandall J, Yamazaki K, Fukuyama K, Kamiji K, Yasuki T, Funk J. Stapp Car Crash J 2007; 51: 433-66.

Effects of shoulder belt limit forces on adult thoracic protection in frontal collisions

Mertz HJ, Dalmotas DJ. Stapp Car Crash J 2007; 51: 361-80.

Exposure of children to deploying side air bags: An initial field assessment

Arbogast KB, Kallan MJ. Annu Proc Assoc Adv Automot Med 2007; 51: 245-259.

Influence of impact speed on head and brain injury outcome in vulnerable road user impacts to the car hood

Fredriksson R, Zhang L, Bostrom O, Yang K. Stapp Car Crash J 2007; 51: 155-67.

Modelling Gait Processes as a Combination of Sensory-motor and Cognitive Controls in an Attempt to Describe Accidents on the Level in Occupational Situations

Sicre A, Leclercq S, Gaudez C, Gauthier GM, Vercher JL, Bourdin C. Ind Health 2008; 46(1): 3-14.

Pregnant woman and road safety: experimental crash test with post mortem human subject

Delotte J, Behr M, Thollon L, Arnoux PJ, Baque P, Bongain A, Brunet C. Surg Radiol Anat

2008; ePub(ePub): ePub.

Risk factors and prevention for spinal cord injury from diving in swimming pools and natural sites in Quebec, Canada: A 44-year study

Barss P, Djerrari H, Leduc BE, Lepage Y, Dionne CE. Accid Anal Prev 2008; 40(2): 787-97.

Study of the response of the human cadaver head to impact

Hardy WN, Mason MJ, Foster CD, Shah CS, Kopacz JM, Yang KH, King AI, Bishop J, Bey M, Anderst W, Tashman S. Stapp Car Crash J 2007; 51: 17-80.

Study of injuries combining computer simulation in motorcycle-car collision accidents

Lei G, Xian-Long J, Xiao-Yun Z, Jie S, Yi-Jiu C, Jian-Guo C. Forensic Sci Int 2007.

SLIP & FALL:

Effects of 10% Front Load Carriage on the Likelihood of Slips and Falls

Kim S, Lockhart TE. Ind Health 2008; 46(1): 32-39.

Fall Injuries in Older Adults from an Unusual Source: Entering and Exiting a Vehicle

Dellinger AM, Boyd RM, Haileyesus T. J Am Geriatr Soc 2008; ePub(ePub): ePub.

Relationship between age and measures of balance, strength and gait: Linear and non-linear analyses

El Haber N, Erbas B, Hill KD, Wark JD. Clin Sci (Lond) 2007; ePub(ePub): ePub.

Research on Slip Resistance Measurements-A New Challenge

Kim IJ, Nagata H. Ind Health 2008; 46(1): 66-76.

Risk Factors Related to Falling in Elderly Females

Keskin D, Borman P, Ersöz M, Kurtaran A, Bodur H, Akyüz M. Geriatr Nurs 2008; 29(1): 58-63.

Self-reported difficulty in climbing up or down stairs in nondisabled elderly

Vergheze J, Wang C, Xue X, Holtzer R. Arch Phys Med Rehabil 2008; 89(1): 100-4.

GENERAL:

Canine and human factors related to dog bite injuries

Shuler CM, Debess EE, Lapidus JA, Hedberg K. J Am Vet Med Assoc 2008; 232(4): 542-6.

Commentary on "injuries on offshore cruising sailboats: analysis for means of prevention."

Allen A. Br J Sports Med 2008; 42(3): 206.

Escalator-related injuries among older adults in the United States, 1991-2005

O'Neil J, Steele GK, Huisingh C, Smith GA. Accid Anal Prev 2008; 40(2): 527-33.

Nail gun injuries to the hand

Hussey K, Knox D, Lambah A, Curnier AP, Holmes JD, Davies M. J Trauma 2008; 64(1): 170-3.

Patterns of ocular trauma

Babar TF, Khan MT, Marwat MZ, Shah SA, Murad Y, Khan MD. J Coll Physicians Surg Pak 2007; 17(3): 148-53.

Perceptions of elder physical abuse in the courtroom: the influence of hearsay witness testimony

Dunlap EE, Golding JM, Hodell EC, Marsil DF. J Elder Abuse Negl 2007; 19(3-4): 19-39.

QUICK LINKS

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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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