

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

- X01. Shaibani, S.J. (1993). Engineering Sciences Paper C26, 45th Annual Meeting of American Academy of Forensic Sciences, Boston, MA, February 15-20, 1993.  
“Evaluation of cervical spine response to lateral and rear impacts”
- X02. Shaibani, S.J. (1993). Paper presented at Trauma Symposium, Conemaugh Memorial Hospital, Johnstown, PA, September 24, 1993.  
“Injury mechanisms analysis”
- X03. Shaibani, S.J. (1993). Twenty-First International Workshop on Human Subjects for Biomechanical Research, San Antonio, TX, November 10, 1993 (Washington, DC: U.S. Department of Transportation), pp 1-15.  
“Explanation of injury causation in trauma to the lower spine”
- X04. Shaibani, S.J. & Coil, J.A. (1993). Conemaugh Medical Journal, Volume 1, 24-26 (Johnstown, PA: Department of Surgery, Temple University/Conemaugh Memorial Hospital).  
“Benefits of using physics in the evaluation and treatment of trauma”
- X05. Shaibani, S.J. (1994). Engineering Sciences Paper C14, 46th Annual Meeting of American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.  
“Failure modes in restraint systems and consequent trauma”
- X06. Shaibani, S.J. (1994). Conemaugh Medical Journal, Volume 2, 33-36 (Johnstown, PA: Department of Surgery, Temple University/Conemaugh Memorial Hospital).  
“Development of predictive capabilities to detect and quantify trauma”
- X07. Shaibani, S.J., Schroeder, R.D. & Coil, J.A. (1994). Paper presented at American Trauma Society 21st Annual Meeting, McLean, VA, May 12-17, 1994.  
“Injury mechanisms analysis of pelvic trauma”
- X08. Shaibani, S.J., Schroeder, R.D. & Coil, J.A. (1994). Orthopaedic Transactions, 18, 893. [Paper presented at Western Orthopaedic Association, 58th Annual Meeting, Long Beach, CA, August 13-17, 1994.]  
“Computer modeling of trauma to the lumbosacral-pelvic complex”
- X09. Shaibani, S.J. (1994). Paper presented at Trauma Symposium, Conemaugh Memorial Hospital, Johnstown, PA, September 16, 1994.  
“Data elements for expert systems in trauma settings”
- X10. Shaibani, S.J. (1994). Paper presented at Surgery of the Pelvis and Acetabulum: The Second International Consensus, Pittsburgh, PA, October 21-27, 1994.  
“Modeling of pelvic injuries as a diagnostic modality”

(continued on next page)

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

- X11. Shaibani, S.J. (1994). Invited paper presented as faculty member, Auto Safety and Injury Prevention, Pittsburgh, PA, October 23, 1994.  
“Assessment of injury patterns”
- X12. Shaibani, S.J. (1995). Conemaugh Medical Journal, Volume 3, 18-22 (Johnstown, PA: Department of Surgery, Temple University/Conemaugh Memorial Hospital).  
“The RESQME program: Ranked Evaluation of Symptoms for Quality Management in the ER”
- X13. Shaibani, S.J. (1994). Paper presented at 16th National Trauma Symposium, Baltimore, MD, November 18-20, 1994.  
“Design of expert systems for the diagnosis of trauma”
- X14. Beretvas, R.I., Shaibani, S.J. & Schroeder, R.D. (1995). Conemaugh Medical Journal, Volume 3, 25-28 (Johnstown, PA: Department of Surgery, Temple University/Conemaugh Memorial Hospital).  
“Pelvic ring fractures sustained in motor vehicle accidents”
- X15. Shaibani, S.J. & Ankney, R.N. (1995). Proc. Am. Acad. For. Sci., 1, 62-63. [Presented at 47th Annual Meeting of American Academy of Forensic Sciences, Seattle, WA, February 13-18, 1995.]  
“Sources of error in the measurement of vehicle speed”
- X16. Shaibani, S.J. (1995). Thermol. Österr., 5 (3), 114-115. [Presented at American Academy of Thermology 24th Annual Meeting, Lake Buena Vista, FL, April 21-23, 1995.]  
“Thermodynamics of hypothermic blood”
- X17. Shaibani, S.J. (1995). Announcer, 25 (4), 45. [Presented at American Association of Physics Teachers Meeting, Reno, NV, January 13-18, 1996.]  
“Signal attenuation in protective materials for diagnostic equipment”
- X18. Shaibani, S.J. (1996). Proc. Am. Acad. For. Sci., 2, 71. [Presented at 48th Annual Meeting of American Academy of Forensic Sciences, Nashville, TN, February 19-24, 1996.]  
“Physical causation and associated thresholds for neck injury”
- X19. Shaibani, S.J. (1996). Thermol. Österr., 6 (3), 109. [Presented at American Academy of Thermology 25th Annual Meeting, Las Vegas, NV, March 29-30, 1996.]  
“Activation energies for hema subjected to hypothermia”
- X20. Shaibani, S.J. (1996). Bull. Am. Phys. Soc., 41, 917. [Presented at American Physical Society/American Association of Physics Teachers Joint Meeting, Indianapolis, IN, May 2-5, 1996.]  
“Changes in the length of the solar day due to global warming”

(continued on next page)

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

- X21. Shaibani, S.J. (1996). *Announcer*, 26 (4), 42. [Presented at American Association of Physics Teachers Meeting, Phoenix, AZ, January 4-9, 1997.]  
“The physics of injury causation and mitigation in blunt chest trauma”
- X22. Shaibani, S.J. (1997). *Proc. Am. Acad. For. Sci.*, 3, 73-74. [Presented at 49th Annual Meeting of American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.]  
“Establishing original occupant location by injury mechanisms analysis”
- X23. Shaibani, S.J. (1997). *Bull. Am. Phys. Soc.*, 42, 2289. [Presented at American Physical Society/American Association of Physics Teachers Joint Meeting, Washington, DC, April 18-21, 1997.]  
“Catastrophic increase in barrier stiffness”
- X24. Shaibani, S.J. (1997). *Announcer*, 27 (4), 100. [Presented at American Association of Physics Teachers Meeting, New Orleans, LA, January 3-8, 1998.]  
“Proper treatment of complex human structures”
- X25. Shaibani, S.J. (1998). *Proc. Am. Acad. For. Sci.*, 4, 68. [Presented at 50th Anniversary Meeting of American Academy of Forensic Sciences, San Francisco, CA, February 9-14, 1998.]  
“Potential for injury in passive restraint systems: I. Active lap belts”
- X26. Shaibani, S.J. (1998). *Proc. Am. Acad. For. Sci.*, 4, 68-69. [Presented at 50th Anniversary Meeting of American Academy of Forensic Sciences, San Francisco, CA, February 9-14, 1998.]  
“Potential for injury in passive restraint systems: II. Motorized shoulder belts”
- X27. Shaibani, S.J. (1998). *Proc. Am. Acad. For. Sci.*, 4, 69. [Presented at 50th Anniversary Meeting of American Academy of Forensic Sciences, San Francisco, CA, February 9-14, 1998.]  
“Potential for injury in passive restraint systems: III. Door-mounted belts”
- X28. Flanigan, S.J. & Shaibani, S.J. (1998). *Bull. Am. Phys. Soc.*, 43, 1400. [Presented at American Physical Society/American Association of Physics Teachers Joint Meeting, Columbus, OH, April 18-21, 1998.]  
“Temperature variation in xerographic glasses”
- X29. Shaibani, S.J. (1998). *Announcer*, 28 (4), 103. [Presented at American Association of Physics Teachers Meeting, Anaheim, CA, January 9-14, 1999.]  
“The importance of physics in medicine – a pedagogical challenge”
- X30. Shaibani, S.J. (1999). *Proc. Am. Acad. For. Sci.*, 5, 77. [Presented at 51st Annual Meeting of American Academy of Forensic Sciences, Orlando, FL, February 15-20, 1999.]  
“Avoidance of undue energy concentration in craniocervical trauma”

(continued on next page)

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

- X31. Shaibani, S.J. (1999). Bull. Am. Phys. Soc., 44, 273-274. [Presented at American Physical Society/American Association of Physics Teachers Joint Meeting, Atlanta, GA, March 20-26, 1999.]  
“Comprehensive anthropometry of pediatric subjects for dynamic events”
- X32. Shaibani, S.J. (1999). Bull. Am. Phys. Soc., 44, 274. [Presented at American Physical Society/American Association of Physics Teachers Joint Meeting, Atlanta, GA, March 20-26, 1999.]  
“Physics as a key element in the complete description of dichotomies in injury distribution”
- X33. Shaibani, S.J. (1999). Proc. Intl. Assoc. For. Sci., 70. [Presented at 15th Triennial Meeting of International Association of Forensic Sciences, Los Angeles, CA, August 22-28, 1999.]  
“Modeling of barrier design for injury reduction”
- X34. Shaibani, S.J. (1999). Proc. Intl. Assoc. For. Sci., 73-74. [Presented at 15th Triennial Meeting of International Association of Forensic Sciences, Los Angeles, CA, August 22-28, 1999.]  
“Parametric applications of physics to study pediatric head injury”
- X35. Shaibani, S.J. (1999). Announcer, 29 (4), 94. [Presented at American Association of Physics Teachers Meeting, Kissimmee, FL, January 15-19, 2000.]  
“Significance of inertial properties on craniofacial injury”
- X36. Shaibani, S.J. (2000). Proc. Am. Acad. For. Sci., 6, 90. [Presented at 52nd Annual Meeting of American Academy of Forensic Sciences, Reno, NV, February 21-26, 2000.]  
“Potential for injury in passive restraint systems: IV. Non-continuous belts”
- X37. Shaibani, S.J. & Bennetts, J.M. (2000). Proc. Am. Acad. For. Sci., 6, 101-102. [Presented at 52nd Annual Meeting of American Academy of Forensic Sciences, Reno, NV, February 21-26, 2000.]  
“Discrimination between accidental and intentional trauma by expounding the underlying physics”
- X38. Shaibani, S.J. (2000). Bull. Am. Phys. Soc., 45, 1018. [Presented at American Physical Society Meeting, Minneapolis, MN, March 20-24, 2000.]  
“Effect of occupant and impact factors on forces within neck: I. Overview of large population”
- X39. Shaibani, S.J. (2000). Bull. Am. Phys. Soc., 45, 1018. [Presented at American Physical Society Meeting, Minneapolis, MN, March 20-24, 2000.]  
“Effect of occupant and impact factors on forces within neck: II. Analysis of specific subsets”
- X40. Shaibani, S.J. (2000). Announcer, 30 (2), 106. [Presented at American Association of Physics Teachers Meeting, Guelph, Ontario, Canada, July 29-August 2, 2000.]  
“Maintaining the integrity of physics”

(continued on next page)

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

- X41. Shaibani, S.J. (2000). *Announcer*, 30 (4), 116. [Presented at 122nd National Meeting of American Association of Physics Teachers (joint with American Astronomical Society), San Diego, CA, January 6-11, 2001.]  
“Strategies for successful learning outcomes and enhanced student performance”
- X42. Shaibani, S.J. (2001). *Proc. Am. Acad. For. Sci.*, 7, 116. [Presented at 52nd Annual Meeting of American Academy of Forensic Sciences, Seattle, WA, February 19-24, 2001.]  
“Energy absorption in fatal pediatric thoracoabdominal trauma”
- X43. Shaibani, S.J. (2001). *Proc. Am. Acad. For. Sci.*, 7, 115. [Presented at 52nd Annual Meeting of American Academy of Forensic Sciences, Seattle, WA, February 19-24, 2001.]  
“Aggravation of injury from non-standard postures: I. Cervical spine”
- X44. Shaibani, S.J. (2001). *Bull. Am. Phys. Soc.*, 46, 1174. [Presented at American Physical Society Meeting, Seattle, WA, March 12-16, 2000.]  
“Effect of occupant and impact factors on forces within low back: I. Overview of large population”
- X45. Shaibani, S.J. (2001). *Bull. Am. Phys. Soc.*, 46, 1174. [Presented at American Physical Society Meeting, Seattle, WA, March 12-16, 2001.]  
“Effect of occupant and impact factors on forces within low back: II. Analysis of specific subsets”
- X46. Shaibani, S.J. (2001). *Announcer*, 31 (2), 125. [Presented at 123rd National Meeting of American Association of Physics Teachers, Rochester, NY, July 21-25, 2001.]  
“Positive results with high-volume custom web site for undergraduate instruction”
- X47. Shaibani, S.J. (2001). Paper presented at 86th International Educational Conference of International Association for Identification, Miami, FL, July 22-28, 2001.  
“Identification of fatal head and chest injuries in young children and associated causation”
- X48. Shaibani, S.J. (2001). *Announcer*, 31 (4), 125. [Presented at 124th National Meeting of American Association of Physics Teachers, Philadelphia, PA, January 19-23, 2002.]  
“Design of effective electronic resources and comparison with current practice”
- X49. Shaibani, S.J. (2002). *Proc. Am. Acad. For. Sci.*, 8, 93. [Presented at 53rd Annual Meeting of American Academy of Forensic Sciences, Atlanta, GA, February 11-16, 2002.]  
“Aggravation of injury from non-standard postures: II. Lumbosacral spine”
- X50. Shaibani, S.J. (2002). *Proc. Am. Acad. For. Sci.*, 8, 91-92. [Presented at 53rd Annual Meeting of American Academy of Forensic Sciences, Atlanta, GA, February 11-16, 2002.]  
“Diagnosis and concomitant physics of sacroiliac joint injury”

(continued on next page)

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

- X50. Shaibani, S.J. (2002). Proc. Am. Acad. For. Sci., 8, 91-92. [Presented at 53rd Annual Meeting of American Academy of Forensic Sciences, Atlanta, GA, February 11-16, 2002.]  
“Diagnosis and concomitant physics of sacroiliac joint injury”
- X51. Shaibani, S.J. (2002). Bull. Am. Phys. Soc., 47, 544. [Presented at American Physical Society Meeting, Indianapolis, IN, March 18-22, 2002.]  
“Transmission of insult in out-of-position subjects: I. Shoulder injury”
- X52. Shaibani, S.J. (2002). Bull. Am. Phys. Soc., 47, 545-546. [Presented at American Physical Society Meeting, Indianapolis, IN, March 18-22, 2002.]  
“Transmission of insult in out-of-position subjects: II. Lumbosacral injury”
- X53. Shaibani, S.J. (2002). Announcer, 32 (4), 97-98. [Presented at 126th National Meeting of American Association of Physics Teachers, Austin, TX, January 11-15, 2003.]  
“The physics of airway”
- X54. Shaibani, S.J. (2003). Bull. Am. Phys. Soc., 48, 1348. [Presented at American Physical Society Meeting, Austin, TX, March 3-7, 2003.]  
“Physics – the difference between life and death: I. Ultrahigh speeds”
- X55. Shaibani, S.J. (2003). Bull. Am. Phys. Soc., 48, 1349. [Presented at American Physical Society Meeting, Austin, TX, March 3-7, 2003.]  
“Physics – the difference between life and death: II. Low speeds”
- X56. Shaibani, S.J. (2003). Announcer, 33 (4), 100. [Presented at 128th National Meeting of American Association of Physics Teachers, Miami Beach, FL, January 24-28, 2004.]  
“Digital and manual function in pediatric subjects”
- X57. Shaibani, S.J. (2004). Bull. Am. Phys. Soc., 49, 1297. [Presented at American Physical Society Meeting, Montréal, Québec, Canada, March 22-26, 2004.]  
“Transmission of insult in out-of-position subjects: III. Thoracic spine injury”
- X58. Shaibani, S.J. (2004). Bull. Am. Phys. Soc., 49, 1297. [Presented at American Physical Society Meeting, Montréal, Québec, Canada, March 22-26, 2004.]  
“Calculation of inertial parameters to find dynamic human response”

PARTIAL LIST OF PUBLICATIONS BY DR. SAAMI SHAIBANI FROM 1993 TO 2004

FILMS

- Y01. Shaibani, S.J. (1993). Temple University/Conemaugh Memorial Hospital, PA. [Presented at 45th Annual Meeting of American Academy of Forensic Sciences, Boston, MA, February 15-20, 1993.]  
“Effect of restraint use on biomechanics of cervical spine”
- Y02. Shaibani, S.J. (1993). Temple University/Conemaugh Memorial Hospital, PA. [Presented at Trauma Symposium, Conemaugh Memorial Hospital, Johnstown, PA, September 24, 1993.]  
“Role of physics in the analysis of trauma”
- Y03. Shaibani, S.J. (1993). Temple University/Conemaugh Memorial Hospital, PA. [Presented at Twenty-First International Workshop on Human Subjects for Biomechanical Research, San Antonio, TX, November 10, 1993.]  
“Mapping of whole body to identify injury patterns”
- Y04. Shaibani, S.J. (1994). Temple University/Conemaugh Memorial Hospital, PA. [Presented at 46th Annual Meeting of American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.]  
“Increase in trauma due to inadequate restraint systems”
- Y05. Shaibani, S.J. (1994). Temple University/Conemaugh Memorial Hospital, PA. [Presented at Western Orthopaedic Association, 58th Annual Meeting, Long Beach, CA, August 13-17, 1994.]  
“Identification of pelvic injury by applied physics”