



# The Engineering of Sport 9

July 9-13, 2012 in historic Lowell, Massachusetts, USA

## Sports of Interest

Aquatics  
Canoe  
Diving  
Kayak  
Rowing  
Sailing  
Swimming  
Surfing / Kite Surfing  
Water Polo  
Athletics  
Ball Sports  
American Football  
Basketball  
Bowling  
Football/Soccer  
Handball  
Rugby  
Volleyball  
Bi/Tri/Pentathlon  
Boxing  
Climbing / Hiking  
Curling  
Cycling  
Equestrian  
Extreme Sports  
BMX  
Motocross  
Rally  
Skateboarding  
Skydiving  
Fencing  
Fishing  
Fitness / Training  
Gymnastics  
Martial Arts  
Racket / Stick Sports  
Badminton  
Baseball/Softball  
Cricket  
Field Hockey  
Golf  
Hockey  
Hurling  
Lacrosse  
Squash  
Table tennis  
Tennis  
Track and Field  
Weightlifting  
Winter sports  
Bobsled  
Luge  
Nordic  
Skating  
Skeleton  
Skiing  
Snowboarding  
Wrestling

# CALL FOR PAPERS

The Engineering of Sport 9 is the biennial conference of the International Sports Engineering Association. This conference brings together a community of sporting goods manufacturers, academics, sports league officials, and others interested in the field of sports engineering. This ninth conference will be held in the historic city of Lowell and hosted by the University of Massachusetts Lowell and its Baseball Research Center. The conference will feature invited talks, peer-reviewed papers and posters, exhibitions and numerous opportunities for social interaction and networking.

Original papers and posters are solicited in all related areas of sports engineering. The conference typically presents many disciplines, including aerodynamics, biomechanics, modeling, simulation, measurement, instrumentation, motion analysis, innovation, design, robotics, injuries and prevention strategies, and pervasive computing in sports. If your research has related to Improvement of Performance or Durability, Changes in Regulation, new Product Innovation, Safety of Equipment, or Comfort and Feel to the Athlete, then we hope that you will consider submitting a paper.

Full papers accepted for the conference will appear in a hard-bound proceeding, be indexed online and must be presented at the conference.

Detailed instructions are available on the conference website, [www.uml.edu/isea2012](http://www.uml.edu/isea2012).

## Important Dates:

November 1, 2011: Submission of Abstracts for Full Papers  
December 21, 2011: Submission of Full Papers  
February 17, 2012: Submission of Abstracts for Posters  
July 9, 2012: Conference Begins

## Contact:

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INTERNATIONAL SPORTS ENGINEERING ASSOCIATION

**The Engineering of Sport 9**

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