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TU Delft has a long tradition in sport and sports engineering and many students participate in sports, even at the highest levels; we currently have five students performing at Olympic or world cup top-8 level. The TU Delft Sports Engineering Institute (2014) is proudly hosting this conference due to a close fit between the goal of the conference and the institute; to promote and organize research and education in the field of performance enhancement in elite sports and the promotion of sports, play and exercise to create a healthier society. The conference has been built around the five research themes of the institute:



- Aero- and hydrodynamics
- Biomechanics, Materials and Human Material Interaction
- Measurement, Feedback and Simulation
- Motivation and persuasion to compete in sports, play and exercise
- Sports Infrastructure and facilities

Following the call for papers, we received 251 abstracts of which 9 were rejected. This both shows the quality level of the various authors and also the 'brand name' of the ISEA conference; only few abstracts did not fit into one of the conference subjects or were lacking scientific content. We were happy to receive 181 draft papers of which 170 were accepted after a high-quality reviewing process. Finally these proceedings contain 165 papers, they will be presented orally (117) or as a poster (48). We hope our attendees will appreciate the effort we made in putting a program together that is attractive both for scientists and the industrial partners as well as for the athletes we cater to with the results of our scientific work.

Being the 11th conference in a row, we aim at maintaining valuable traditions but also bring something new; this year's 'innovation' is the fact that the proceedings are only available upon request. So more room for souvenirs!

We would like to thank all sponsors that helped us in making this conference to a success. Special thanks goes to ASICS Corporation, Dr. Tsuyoshi Nishiwaki for their generosity and help.

In the reviewing process, both our section editors and the scientific committee have made an enormous effort to provide the authors with a rigorous and fair review of the papers submitted. We felt honored to experience the energy put into this process and are deeply grateful to them all.

Finally, we wish you all a good and joy-full conference filled with fruitful and in-depth discussions. We expect you will make new friends and bring this beautiful field of science a small step further.

Frans van der Helm (conference chair)
Arjen J. Jansen (program chair/editor-in-chief)