

Contents

Invited Paper

How Sports Can Create New Knowledge at a Technical University that Claim not Doing Research in Sport Science?	3
<i>Christian Finnsgr�rd</i>	

Papers

Gait Asymmetry During a 5-Km Time Trial in Elite Runners: A Descriptive Study	13
<i>Rahel Ammann, Wolfgang Taube, and Thomas Wyss</i>	
Aerodynamical Resistance in Cycling on a Single Rider and on Two Drafting Riders: CFD Simulations, Validation and Comparison with Wind Tunnel Tests.	22
<i>Luca Oggiano, Live Spurkland, Lars Setran, and Lars Morten Bardal</i>	
Application of a Parallel Chain Platform to Provide Catching Practice in Cricket.	38
<i>Ajinkya Arun Bhole and Ravi Kant Mittal</i>	
Design Optimization of the Landing Slope of a Ski Jumping Hill	57
<i>Kazuya Seo, Yuji Nihei, Toshiyuki Shimano, and Yuji Ohgi</i>	
Computer Supported Analysis of Thermal Comfort for Cycling Sport	71
<i>Alessandro Pezzoli and Roberto Bellasio</i>	
Met-Ocean and Heeling Analysis During the Violent 21/22 October 2014 Storm Faced by the Sailboat ECO40 in the Gulf of Lion: Comparison Between Measured and Numerical Wind Data	86
<i>Paolo De Girolamo, Alessandro Romano, Giorgio Bellotti, Alessandro Pezzoli, Myrta Castellino, Mattia Crespi, Augusto Mazzoni, Marcello Di Risio, Davide Pasquali, Leopoldo Franco, and Paolo Sammarco</i>	

Tactical Skills Training in Team Sports: Technological Supports for the 4P Strategy	106
<i>Gilles Kermarrec</i>	
A Novel Approach to the Automatic Analysis of Tactics and Actions in Team Sports	126
<i>D. Vallejo, G. Alises, J.A. Albusac, C. Glez-Morcillo, and J.J. Castro-Schez</i>	
Author Index	143

Sports Science Research and Technology Support
Third International Congress, icSPORTS 2015, Lisbon,
Portugal, November 15-17, 2015, Revised Selected
Papers

Cabri, J.; Universidade de Lisboa, P. (Eds.)

2016, X, 143 p. 104 illus., Softcover

ISBN: 978-3-319-52769-7