

Poster Presentation

[VHFp3/INPp2]Ergonomics of Interaction Technologies

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

2:30 PM - 5:00 PM

[VHFp3/INPp2-3]A New Athlete Performance Analysis Method Using 4K Video and Wireless Eye Movement Measurement Device

*Takuya Sarugaku¹, Yasuyoshi Kobayashi¹, Reiko Koyama¹, Shinya Mochiduki¹, Mitsuho Yamada¹ (1. Tokai University (Japan))

Keywords:Sports, Gaze, 4K, Wireless Eye Movement Measurement Device

It is thought that analyzing line-of-sight movement during sports may provide insight into exceptional athletic skill. In this study, we propose a method to analyze the athlete's performance using the athlete's line of sight measured by a wireless eye movement measurement device, and his/her movement taken by 4K images.