



IAHPEDS 2026
WORLD CONGRESS
Health, Physical Education, Dance, and Sport



3rd IAHPEDS
International Alliance for Health,
Physical Education, Dance, and Sport
World Congress

Marmara University
Sultanahmet
Campus



June 24 - 28
2026



Dr. Hayri Ertan

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Research Area: Sport

**“Cortical Efficiency and Performance: Neural
Markers in Elite Athletes“**

SCV: Dr. Hayri Ertan is a Professor of Sport Sciences specializing in biomechanics, movement analysis and evaluation, motor learning, and performance optimization in elite athletes. His research focuses on archery and other precision sports, with particular interest in neural efficiency, event-related brain potentials, and psychophysiological markers of high-level performance. He has published extensively in international journals and delivered invited talks at leading scientific conferences. Beyond his academic work, Dr. Ertan integrates biomechanics and neuroscience into athlete training programs, combining scientific evidence with practical coaching strategies. His interdisciplinary approach advances both performance assessment and athlete development..



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