

Kolloquium „*Berner Gespräche zur Sportwissenschaft*“

Montag, 20.05.2019, von 16.15 Uhr bis 17.45 Uhr

Hörsaal C001 (Universität Bern, ZSSw Gebäude C, Bremgartenstr. 145, 3012 Bern)

Network and position data analysis in team sports: searching for quick and meaningful information

Prof. Dr. Filipe Manuel Clemente is Assistant Professor in Instituto Politécnico de Viana do Castelo, Escola Superior de Desporto e Lazer (Portugal). His research in sports training and sports medicine has led to more than 130 publications, 67 of them with impact factor (indexed at JCR). He has conducted studies in performance analysis, computational tactical metrics, network analysis applied to team sports analysis, small-sided and conditioned games, and training load monitoring.



The use of tracking systems (e.g., GPS, multicamera systems) have led to new possibilities to capture accurate spatiotemporal information of the team sports players and characterize the dynamics of the teams during the match. Considering such possibilities, the aim of this lecture is to give an overview of the current state of development of the analysis of position data and network processes in team sports. The main scientific evidence will be presented and a link will be established to connect those evidence to the practical application in daily training scenarios.