GLMS 6 December 2023, 15.00-16.00, Boeringzaal

Presenter: Prof. Dr. Felipe Arruda Moura , associate professor, Sport Sciences department, Universidade Estadual de Londrina, Brazil

The use of individual and collective metrics from position-based systems in football matches

The idea of the presentation is to present and discuss the use of several metrics related to individual and collective behaviour during football matches. Over the last two decades, several position-based systems were developed to gather players' position as a function of time. From these data, several metrics for performance analysis were developed to characterise physical, technical and tactical demands of the match. The presentation will bring a brief overview about the development and interpretation of these metrics applied to Brazilian Championships. Finally, new perspectives will be presented with the recent development of data-driven and data visualization techniques.