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WEBINAR

Data-driven Movement Models - Key to Analyzing Positional Data

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Chair: Prof. Manisera Marica
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14.00 hrs CET (UTC+1)
Live presentation on: Google meet
Registration form here >>

Automatically analyzing team sports depends on many different aspects, the players and their actions, the score at the actual time, etc. In 1st and 2nd Bundeliga, positional (tracking) data is recorded with 25fps and contains many relevant variables like the positions of the players in x/y coordinates, annotated with timestamps. Additionally event data encodes passes and other events. On the example of soccer, I will introduce how to make sense of those data and in particular introduce movement models as key to every analysis. I will introduce different movement models and show some applications that are build on top like pass probabilities (xPass).

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