

Kolloquium „*Berner Gespräche zur Sportwissenschaft*“

Montag, 09.04.2018, von 16.15 Uhr bis 17.45 Uhr

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

Team Cognition in Sport: Insights into how Teamwork is Achieved in Naturalistic Settings

Prof. Dr. Jérôme Bourbousson was graduate of the École Normale Supérieure, former Professeur Agrégé of Physical Education, Ph.D. in 2010, Habilitation à Diriger des Recherches in 2015. Developing his research at the University of Nantes, France, his research interests fall within the area of “team cognition”, that aim to describe the cognitive and behavioral processes implied in team performance and learning. His work has principally centered on cognitive ergonomics of natural sports situations, grounded on dynamical systems and enactivism theory, using, separately or jointly, both qualitative methodologies (e.g. collection and analysis of verbal protocols) and quantitative methodologies (e.g., statistical analysis of behavioral data). Developing a fruitful interdisciplinary approach for investigating practical challenges has been one of his main challenges in research.



High-level performance in team sports is more than the mere sum of individual members' effectiveness. To understand how such team performances are built, the research has historically been driven by constructs from social psychology, as are those of group dynamics like leadership and cohesion. However, team effectiveness has been recently conceptualized as depending primarily on the spatiotemporal situated chaining of players activities, and thus rising up from the nature of the teamwork as achieved by team members. The presentation will introduce studies concerned with such a research topic, all of them contributing to a greater understanding of how team cognition unfolds in real sport settings and helps collective behavior to emerge. To which extent do team members need to share their knowledge prior to the game? To which kind of informational resources do team members need to be sensitive in the real-time? Existing empirical evidences will help us argue that team processes (i.e., the way phenomena evolve over time) probably matter more than teamwork inputs do, as do the ongoing singular situation compared with cognitive contents shared prior to the game.