



## Call for papers

### German Journal of Exercise and Sport Research “Capturing life as it is lived” – Ambulatory Assessment for physical activity, sport and exercise.

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The German Journal of Exercise and Sport Research, an up-and-coming international journal (and successor to Germany’s leading national journal in sport science, *Sportwissenschaft*, 1971-2016) invites authors to contribute articles to the special issue **“Capturing life as it is lived” – Ambulatory Assessment for physical activity, sport and exercise**, which will be published in June 2022 (Vol. 52, Issue 2).

Ambulatory Assessment (AA) describes a class of methods that enable data assessments (and interventions) near real-time, in real-world settings, consequentially enabling ecologically valid findings. AA enables multiple assessments across time within subjects resulting in intensive longitudinal data (ILD). This allows for unravelling within-person associations between behavioral, biological, physiological and psychological factors and physical activity, sport and exercise in everyday life.

The goal of this special issue is to illustrate how using the method of AA can drive forward research in the sport science context by capturing repeated within-person real time data of physical activity, sport and exercise as it occurs in the natural environment. AA encompasses methods such as monitoring of movement (e.g., via accelerometry), physiological function (e.g., via mobile electrocardiogram), contextual information (e.g., via geolocation-tracking), and ecological momentary assessment (EMA; e.g., electronic diaries) to capture self-reported information. A prototypical study may investigate associations between accelerometry-based physical activity and e-diary-based self-reports. Thus, it has a very broad applicability to research questions in sport and exercise science. Closely related methods such as time series studies may also match the scope of this special issue.

Four senior guest editors (Dr. phil. Birte von Haaren-Mack, Prof. Dr. Martina Kanning, Prof. Dr. Ulrich Ebner-Priemer and JProf. Dr. Markus Reichert) will provide expert support for all submitted papers.

We ask authors to submit original articles (main articles, brief communications, reviews). Academic essays, commentaries or discussion papers may also be accepted. Data analysis should be about associations of diverse factors (e.g., psychological, behavioral, biological) and physical activity, sport or exercise in real life. All papers will undergo rigorous double-blind peer review and all accepted articles will be published online first on the journal’s homepage (see the link below). Fee-based optional open access publication is possible upon author request; researchers at institutes who are part of Project DEAL can publish their articles open access with the fees covered under the agreement.

We ask authors to submit their papers using the journal’s electronic Editorial Manager system ([www.editorialmanager.com/spwi](http://www.editorialmanager.com/spwi)) by 30 September 2021. Instructions for authors are available on the journal’s homepage <https://link.springer.com/journal/12662>. Only articles written in English will be eligible for peer review.

Join in and help us increase the visibility and applicability of research in sport science by using Ambulatory Assessment and present your work in Germany’s most up-and-coming academic journal on sport and exercise research, published by Springer Nature.

Editors-in-Chief: Ralf Brand (University of Potsdam, Germany) Claudia Voelcker-Rehage (University of Münster, Germany).