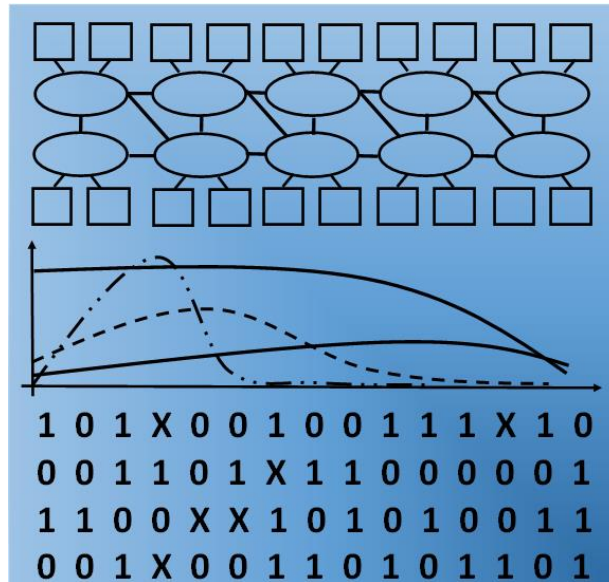


# CALL FOR ABSTRACTS

## Advanced Techniques for Longitudinal Data Analysis in Social Science

### ATLASS 2023



#### Important information:

Abstract proposal submission: Deadline September 30, 2022

Information about accepted paper abstracts/posters: October 31, 2022

Conference: March 15 to 17, 2023

Pre-conference workshops: March 14, 2023

Venue: Center for Interdisciplinary Research (ZiF), Bielefeld University, Germany

Chair: Jost Reinecke

Local Organizers: Tom Blank, Christina Beckord, Sylke Voß, Bielefeld University

([sekretariat.reinecke@uni-bielefeld.de](mailto:sekretariat.reinecke@uni-bielefeld.de))

Webpage: [www.uni-bielefeld.de/atlass2023](http://www.uni-bielefeld.de/atlass2023)

Due to the increasing importance of representative longitudinal studies the need of sophisticated analytical modeling techniques in social sciences has risen sharply.

These techniques have a strongly interdisciplinary character: In the National Educational Panel Study (NEPS), empirical educational researchers, psychologists, and sociologists work with complex modeling techniques. In the Socio-Economic Panel (SOEP), it is predominantly political scientists, sociologists and economists who are involved in the research. Even in more substantively specific panel studies (such as Crime in the modern City (CrimoC) or the twin family study (TwinLife)), such methodological-statistical developments become more and more significant for the analysis of content related questions on course and typical developmental patterns in the samples.

No significant large longitudinal study will be assigned to exactly one field today, so that methodological basic research is of outstanding importance. The international, interdisciplinary exchange will be encouraged with this conference. The aim is to bring together methodologists working to develop methods for evaluating and addressing specific challenges of longitudinal data. In addition, application-related contributions are very welcome.

We welcome papers and posters about the following topics, which are of course by no means exhaustive:

- Longitudinal Measurement (Non-)Invariance
- Continuous Time Modeling
- SEM and Causality
- Missing Data and Multiple Imputation
- Modelling Longitudinal Data with IRT-Models
- Bayesian Structural Equation Models with Longitudinal Data
- Moderation Effects in Latent Variables
- Causal Panel Modeling
- State-Trait Modeling
- Modeling Crime Panel Data

**Confirmed keynote speakers:**

Claus H. Carstensen: The Achievement Gap in Reading Competence: The Effect of Measurement Non-Invariance Across School Types.

Sy-Miin Chow: Transformations of Continuous-Time Dynamic Models into Alternative Discrete-Time Models: Why, How, and Implications on Causality Inference.

Craig Enders: Longitudinal Modeling and Missing Data Handling in Blimp.

Christian Geiser: Latent state-trait analysis: State of the Art and Future Directions.

Ellen Hamaker: Opportunities and Challenges of Intensive Longitudinal Data.

Fan Y. Wallentin: A Marginal Maximum Likelihood Approach for Extended Quadratic Structural Equation Modeling with Ordinal Data.

**Conference Format:**

The conference will be off-line unless otherwise stipulated by the health authorities. All further information about the conference (program etc.) will be available on the following web page:

[www.uni-bielefeld.de/atlass2023](http://www.uni-bielefeld.de/atlass2023)

## **Conference Fees**

150 Euro participation fees

50 Euro pre-conference workshop participation

50 Euro Dinner

*Fees include coffee breaks and lunches*

## **Instructions for Authors**

Please submit your abstract until September 30, 2022 at the latest

For individual presentations: Abstract of up to 300 words plus 3-5 keywords and/or assignment to one of the above topics.

**Please submit** your **paper** proposals to: [abstract\\_panel2023@uni-bielefeld.de](mailto:abstract_panel2023@uni-bielefeld.de)

**Please submit** your **poster** proposals to: [poster\\_panel2023@uni-bielefeld.de](mailto:poster_panel2023@uni-bielefeld.de)

Participants will be notified regarding the acceptance of their submissions by October 31, 2022 at the latest.