

# 12th Young Researchers Workshop of Centre for Statistics (ZeSt)

7 September 2023

## Programme

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9:00 - 9:05 a.m.	Welcoming Roland Langrock (Speaker of the ZeSt)
9:05 - 9:25 a.m.	Lennart Oelschläger: <i>Initialization of Numerical Optimization in R</i>
9:25 - 9:45 a.m.	David Winkelmann: <i>Momentum effects in team sports: Analysing the interaction of offence and defence in the NBA</i>
9:45 - 10:05 a.m.	Qingchuan Sun: <i>Stochastic Differential Equations: Elevating Parameter Estimation Robustness in Dynamic Modeling</i>
10:05 - 10:20 a.m.	Coffee Break
10:20 - 10:40 a.m.	Simon Lütkewitt: <i>Sports Participation and Gender Homophily: Longitudinal Evidence for Male Adolescents based on German Friendship Network Data</i>
10:40 - 11:00 a.m.	Sebastian Büscher: <i>How to test for intra-personal heterogeneity and temporal effects in discrete choice models in an economic manner</i>
11:00 - 11:20 a.m.	Sophie Schmiegel: <i>CRESCENT: Stratification of Chronic Pain Patients using Machine Learning</i>
11:20 - 11:40 a.m.	Kurtulus Kidik: <i>Exploring High-Dimensional Matrix-Valued Time Series: Methods and Applications</i>
11:40 - 11:55 a.m.	Coffee Break
11:55 - 12:15 p.m. via zoom	Matthieu Bulte: <i>Autoregressive Models for Time Series of Random Objects</i>
12:15 - 12:35 p.m. via zoom	Predrag Pilipovic: <i>Addressing Hypoellipticity and Partial Observation Issues in Second-Order SDEs using the Strang Estimator</i>
12:35 - 12:45 p.m.	Final Discussion

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