



# TRANSREGIO Express

Transregio 391-Newsletter, Edition No.4

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## Dear colleagues and friends,

We are now well into our second year and looking forward to several upcoming major events. The schedule for our first TRR conference in June is taking shape. Please contact the TC organizers if you would like to give talk on your work, and let us know if you would like to present a poster.

We are also pleased to share some initial details about this year's retreat. Our STAIRS Retreat will take place on November 4, and our TRR Retreat will be held on November 5 and 6. Registration is now open.

Furthermore, our project leader Christoph Hanck is the local organizer of this year's Statistical Week. With "Statistics and Renewable Energy" as key theme it will be highly relevant for our TRR.

Our TRR research seminar is almost fully booked already. We are delighted that several new colleagues will be presenting their work, opening up inspiring new avenues for collaboration.

I truly look forward to seeing many of you at these events, to exchanging ideas, celebrating progress, and shaping the next steps of our research together. Stay healthy, open-minded, and full of energy!

Roland

## Honors, Scholarships and Awards

*We are happy to congratulate our TRR member Nadja Klein (A07) for her shared prize:*

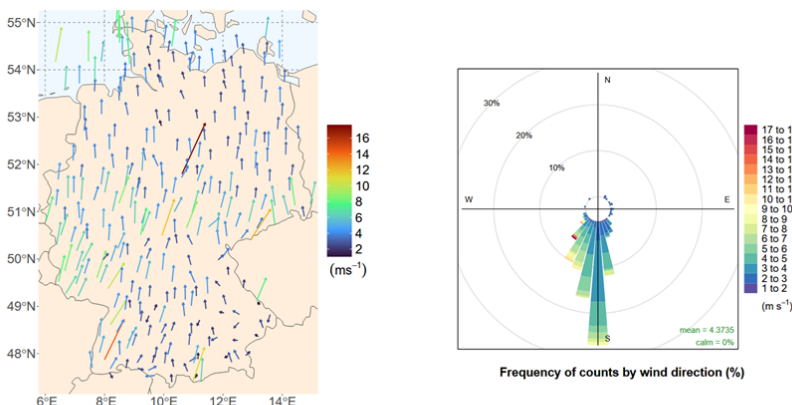


Figure 2: Wind behaviour in Germany during a storm weather period (24–29 January 2025). Left: station-wise average wind direction and mean wind speed (m/s), with arrow orientation indicating direction and colour scale representing speed. Right: wind rose summarizing the frequency distribution of directions the winds blew from across all stations, with colours denoting wind speed classes.

The paper "Copula-based models for spatially dependent cylindrical data" by Francesca Labanca, Anna Gottard and Nadja Klein ([10.48550/arXiv.2602.05778](https://arxiv.org/abs/2602.05778)) has received a 2026 **EnviBayes Student Paper Competition Award** from the International Society of Bayesian Analysis (ISBA). The EnviBayes Student Paper Competition recognizes papers that present the development of **new Bayesian methodologies to address problems in environmental sciences** and/or novel applications of existing Bayesian statistical methods for the analysis of environmental data.



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## Save the Dates

### TRR 391 Conference 2026

We are pleased to share details about our upcoming conference with you.

On June 10–12, we will host the [TRR 391 Conference 2026](#) in Recklinghausen, Germany. There will be invited lectures by renowned international researchers and organized focus sessions dedicated to topics of particular interest to our TRR (organized by our Topic Circles). The conference contains a three-day scientific program in a linear plenary format, i.e., there are no parallel sessions. Besides presentations, we plan a spotlight and discussion session on “Open Problems in Energy and Transport” as well as a poster session. On the evening of the first day, we’re excited to get together with all participants for a BBQ and some drinks at the beach bar Stadthafen as part of our Welcome Reception.

### Statistical Week 2026

Every year in September, the Statistical Week brings together the vibrant and diverse community of statisticians in Germany and beyond.

At its core is the Annual Conference of the German Statistical Society, organized jointly with the Association of German Municipal Statisticians. The conference program combines focused thematic tracks with a broad spectrum of contributed sessions and committee meetings.

This year, the conference takes place on **September 8–11** at the **University of Duisburg-Essen**. The local organizer is our PL Christoph Hanck. One of the main focus topics is **Statistics and Renewable Energy**, which is highly relevant to TRR 391. [Submissions](#) are now being accepted.



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If you are interested in presenting at our conference, please contact the responsible TC organizers for a talk or the TRR Office for a poster.

If you haven't already, please register for the conference now.

We look forward to your participation!

### Equal Opportunity (EO) Seminar

The Equal Opportunity Advisory Board has launched a new seminar series, the [Equal Opportunity Seminar](#) (EO Seminar). The first seminar will take place on **May 5, 2pm–4pm** at TU Dortmund University.

As part of our first EO Seminar, we are pleased to welcome two distinguished female scientists, Prof. Yang Han from the University of Manchester (Department of Mathematics) and Prof. Chen Huang from Aarhus University (Department of Economics and Business Economics), who will present their current research and share insights from their academic careers. In addition to their **scientific talks**, they will reflect on their **experiences in obtaining tenured positions**, discuss challenges and strategies for success, and offer perspectives on excellence in teaching and mentorship.



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## Retreat 2026

We are pleased to share the first information about this year's [retreat](#). The STAIRS & TRR Retreat 2026 will take place at [Hotel Seehof \(Haltern am See\)](#) on **November 4–6**. The schedule will follow the same format as last year's retreat, i.e., November 4 is reserved for doctoral researchers (STAIRS Retreat), and the TRR Retreat will take place on November 5–6.

Registration for the retreat is now open.

## Past Events

### Scientific Writing Workshop

On January 23, 2026, STAIRS hosted the postponed follow-up to the Scientific Writing Workshop with Heidi Douglas (University of Paderborn) at TU Dortmund University.

A total of nine participants from the STAIRS program attended the workshop on site, gaining valuable insights and practical tools to **further develop their academic writing skills**.

In the morning session, participants worked on crafting and refining sentences for maximum clarity and readability. This was followed by an interactive session on generative AI in scientific writing, where strengths, limitations, and important considerations for responsible use were discussed. In the afternoon, the focus shifted to practical revision strategies. Attendees explored techniques for transforming their drafts, improving structure and coherence, and strengthening their overall argumentation.



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### STAIRS Lunch Kick-Off

The monthly STAIRS Lunch was launched on January 21. It always takes place **directly before the last TRR seminar of the month on Wednesday at 12:30 pm**. STAIRS Lunch takes a break during lecture-free periods. The next joint lunch will take place on **April 22**, where we will meet in front of the Mensa at TU Dortmund. We look forward to seeing many participants!

### STAIRS Seminar

The STAIRS seminar took place on January 7, 2026, and invited participants to reflect on the program's progress and future direction. The event, which was well attended with over a dozen participants from the STAIRS program, featured an interactive feedback session. Participants associated STAIRS not only with additional work, but also with companionship, interdisciplinary exchange, and enjoyable shared experiences, such as the TRR 391 Summer School in 2025.



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## Workshop on Cultural Awareness

On January 30, the Equal Opportunity Advisory Board hosted the workshop "Cultural Awareness in Research Collaboration – Deepening Understanding, Enhancing Cooperation" at TU Dortmund University. The interactive training was led by Katharina Maak-Castro, lecturer in intercultural communication at the Berlin School of Economics and Law.

Under the guiding idea "Fish can't see water", the workshop explored how deeply **culture shapes communication, perception, and collaboration**. Combining theoretical input with practice-oriented exercises from everyday research contexts, participants reflected on their own cultural imprints and learned how misunderstandings arise in international teams. The workshop was greatly enriched by the diversity of the participants and the lively, thoughtful discussions that emerged throughout the session.

Participants gained practical tools to recognize different communication and thinking patterns, respond sensitively to cultural and linguistic differences, and view diversity not as an obstacle but as an enrichment for collaborative research.



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## TRR Research Seminar

You can find an up-to-date list of all seminar talks on our [website](#). All seminars are also listed in the TRR calendar so that you don't miss any information about talks if you [subscribe](#) to it.

Since our previous newsletter, we have hosted 4 lecturers:

**David Bolin**, King Abdullah University of Science and Technology: Gaussian random fields on metric graphs

**Martin Wendler**, Otto von Guericke University of Magdeburg: Weighted full-dimensional change-point detection in functional time series

**Julia Schaumburg**, Vrije Universiteit Amsterdam: Increased persistence of warm and wet winter weather in recent decades in north-western Europe

**Paul Doukhan**, CYU Cergy University: An overview on dependence conditions for stochastic processes

Most of the presentations are available at our Youtube channel [@TRR391-spatio-temporal](#).

For the summer semester, the following guests have already agreed to present their work: Nikolaos Kourentzes, Sonja Greven, Marc-Oliver Pohle, Alexander Dürre, Timo Dimitriadis, Jan Ditzen, Valentin Bertsch, Rossana Cavagnini, Aleksey Min, Fabian Mies.



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## Miscellaneous

In February, we introduced a **new onboarding process**, which we hope will ensure an even smoother integration of new members into the TRR. In addition, all handouts have been revised and made available in our Nextcloud. In this context, we have also made **two new templates available**, namely LaTeX templates for creating [presentations](#) and [posters](#).

We are pleased to announce that the [9th IFAC Conference on Nonlinear Model Predictive Control \(NMPC2027\)](#) will be held in Hamburg in late summer of 2027.



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**Nadja Klein** (A07) was invited to join the Statistical and Methodological Review Committee as part of the **Editorial Board** of the Proceedings of the National Academy of Sciences of the United States of America (**PNAS**). Congratulations on this great honor!

**Nicolas Bianco** has been elected to serve as **Program Chair** of the Junior Section (j-ISBA) of the International Society for Bayesian Analysis. Congratulations!

The group of Nadja Klein (A07) is proposing a [new ISBA section](#) on Bayesian Structural Learning (BSL). They are currently collecting signatures from who would like to support the creation of this section. If you are interested in learning more or would like to add your support, please reach out at [kleinlab@scc.kit.edu](mailto:kleinlab@scc.kit.edu) with your full name, affiliation, email address, and specifying whether you are an ISBA member.

## Open Positions

The group of Nadja Klein (A07) is offering a postdoctoral researcher (f/m/d) position in probabilistic deep learning. More information can be found in the respective [PDF](#). They are looking forward to applications.

**Monika Zimmermann** (C02) is visiting the University of Edinburgh, School of Mathematics, from January 12 to April 6 for a research visit. She is visiting and working with Simon Wood on the estimation of generalized additive models in large-scale settings. Her visit is partly funded by the TRR Travel Funds.

In February 2026, **Sven Hansteen** (C04) and **Eva Hümmecke** (C04) visited the University of Copenhagen. They collaborate with Associate Professor Christina Gravert of the Center for Economic Behavior and Inequality (CEBI) on issues related to distributional aspects of household energy behavior across income and wealth.

Our spokesperson Roland Fried has been interviewed in the TU Dortmund University series "Spotlight Forschung". In [the interview](#) (in German) he shares his thoughts and insights on applying for the TRR and the importance of teamwork and resilience.



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## Publications

### Peer-reviewed Articles (Accepted)

**Bürkner, P. C., Schmitt M., Radev S. T. (2026).** Simulations in statistical workflows. *To appear in Philosophical Transactions A*. Already available on arXiv. DOI: [10.48550/arXiv.2503.24011](https://doi.org/10.48550/arXiv.2503.24011). (B04).

**Li, C., Vehtari, A., Bürkner, P. C., Radev, S. T., Acerbi, L., Schmitt, M. (2026).** Amortized Bayesian workflow. *To appear in Transactions on Machine Learning Research*. Already available on arXiv. DOI: [10.48550/arXiv.2409.04332](https://doi.org/10.48550/arXiv.2409.04332). (B04).

**Mishra A., Habermann D., Schmitt M., Radev S. T., Bürkner P. C. (2026).** Robust amortized Bayesian inference with self-consistency losses on unlabeled data. *ICLR 2026*. OpenReview: <https://openreview.net/forum?id=E1dANKwo4I>. (B04).

### Peer-reviewed Articles (Published)

**Amor, S. B., Ziel, F. (2026).** Recurrent neural networks with linear structures for electricity price forecasting. *Renewable and Sustainable Energy Reviews* 231, 116773. DOI: [10.1016/j.rser.2026.116773](https://doi.org/10.1016/j.rser.2026.116773). (C02).

**Axt, I., Fried, R. (2025).** Robust scale estimation for strongly mixing processes under shifts in the mean. *Statistics - a Journal of Theoretical and Applied Statistics*. DOI: [10.1080/02331888.2025.2600463](https://doi.org/10.1080/02331888.2025.2600463). (A04).

**Bastian, P. (2025).** Detecting relevant deviations from the white noise assumption for non-stationary time series. *Journal of Time Series Analysis*. DOI: [10.1111/jtsa.70005](https://doi.org/10.1111/jtsa.70005). (A03).

**Bastian, P. (2025).** Choosing the right norm for change point detection in functional data. *Electronic Journal of Statistics* 19 (2), 4637–4672. DOI: [10.1214/25-EJS2451](https://doi.org/10.1214/25-EJS2451). (A03).

**Bastian, P., Basu, R., Dette, H. (2025).** Uniform confidence bands for joint angles across different fatigue phases. *New Trends in Functional Statistics and Related Fields*, 33–42. DOI: [10.1007/978-3-031-92383-8\\_5](https://doi.org/10.1007/978-3-031-92383-8_5). (A03).

**Bastian, P., Dette, H. (2026).** Multiscale detection of practically significant changes in a gradually varying time series. *Electronic Journal of Statistics* 20 (1), 138–162. DOI: [10.1214/26-EJS2485](https://doi.org/10.1214/26-EJS2485). (A03).

**Bücher, A., Pakzad, C. (2025).** The empirical copula process in high dimensions: Stute's representation and applications. *Annals of Statistics* 53 (6), 2462–2487. DOI: [10.1214/25-AOS2548](https://doi.org/10.1214/25-AOS2548). (A02).

**Damm, S., Laszkiewicz, M., Lederer, J., Fischer, A. (2025).** AnomalyDINO: Boosting patch-based few-shot anomaly detection with DINOv2. *IEEE/CVF Winter Conference on Applications of Computer Vision*. DOI: [10.48550/arXiv.2405.14529](https://doi.org/10.48550/arXiv.2405.14529). (A05).

**Elsemüller L., Pratz V., von Krause M., Voss A., Bürkner P. C., Radev S. T. (2025).** Does unsupervised domain adaptation improve the robustness of amortized Bayesian inference? a systematic evaluation. *Transactions on Machine Learning Research*. OpenReview: <https://openreview.net/forum?id=ewgLuvnEw6>. (B04).

**Feldhaus, C., Lingens, J., Löschel, A., Zunker, G. (2026).** Measuring the intrinsic value of choice. *European Economic Review* 184, 105254. DOI: [10.1016/j.eurocorev.2025.105254](https://doi.org/10.1016/j.eurocorev.2025.105254). (C04).



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Peer-reviewed Articles (Published)

- Frondel, M., Thiel, P., Vance, C. (2026).** The Distributional Consequences of Tax Pass-Through: The Case of Germany's Fuel Tax Discount. *Regional Science and Urban Economics* 117, 104183. DOI: [10.1016/j.regsciurbeco.2025.104183](https://doi.org/10.1016/j.regsciurbeco.2025.104183). (C03).
- Gerster, A., Andor, M. A., Goette, L. (2025).** Disaggregate consumption feedback. *The Economic Journal*, ueaf084. DOI: [10.1093/ej/ueaf084](https://doi.org/10.1093/ej/ueaf084). (C04).
- Ghelasi, P., Ziel, F. (2026).** A data-driven merit order: Learning a fundamental electricity price model. *Energy Economics* 154, 109114. DOI: [10.1016/j.eneco.2025.109114](https://doi.org/10.1016/j.eneco.2025.109114). (C02).
- Ghelasi, P., Ziel, F. (2025).** From day-ahead to mid and long-term horizons with econometric electricity price forecasting models. *Renewable and Sustainable Energy Reviews* 217, 115684. DOI: [10.1016/j.rser.2025.115684](https://doi.org/10.1016/j.rser.2025.115684). (C02).
- Habermann, D., Schmitt, M., Kühmichel, L., Bulling, A., Radev, S. T., Bürkner, P. C. (2026).** Amortized Bayesian multilevel models. *Bayesian Analysis*. DOI: [10.1214/25-BA1570](https://doi.org/10.1214/25-BA1570). (B04).
- Hebiri, M., Lederer, J., Taheri, M. (2025).** Layer sparsity in neural networks. *Journal of Statistical Planning and Inference* 234, 106195. DOI: [10.1016/j.jspi.2024.106195](https://doi.org/10.1016/j.jspi.2024.106195). (A05).
- Heinrichs, F., Bastian, P., Dette, H. (2025).** Sequential outlier detection in non-stationary time series. *Journal of Time Series Analysis*. DOI: [10.1111/jtsa.70043](https://doi.org/10.1111/jtsa.70043). (A03).
- Ickstadt, K., Breitner-Busch, S., Conrad, A., Diekmann, A., Elmer, C., Felgendreher, S., Fried, R., Friedrich, S., Fuks, K., Groll, A., Hense, A., Hornberg, C., Küchenhoff, H., Leitgöb, H., Paetz, F., Radermacher, W. J., Schürz, S., Wolf, K. (2025).** Beschleunigung umweltpolitischer Entscheidungen durch verlässliche Daten und effiziente statistische Methoden [Accelerating environmental policy decisions through reliable data and efficient statistical methods]. *AStA Advances in Statistical Analysis* 19, 113–159. DOI: [10.1007/s11943-025-00360-w](https://doi.org/10.1007/s11943-025-00360-w).
- Jeschke, M., Faulwasser, T., Fried, R. (2025).** Probabilistic time series forecasting of residential loads - A copula approach. *Proceedings of 2025 IEEE Kiel PowerTech*. DOI: [10.1109/PowerTech59965.2025.11180539](https://doi.org/10.1109/PowerTech59965.2025.11180539). (B02).
- Kaiser, S., Klein, N., Kaack, L. (2025).** From counting stations to city-wide estimates: Data-driven bicycle volume extrapolation. *Environmental Data Science* 4 (e13), 1–43. DOI: [10.1017/eds.2025.5](https://doi.org/10.1017/eds.2025.5). (A07).
- Kühnert, S., Rice, G. and Aue, A. (2026).** Estimating invertible processes in Hilbert spaces, with applications to functional ARMA processes. *Bernoulli* 32 (2), 1523–1546. DOI: [10.3150/25-BEJ1918](https://doi.org/10.3150/25-BEJ1918). (A03).
- Kucharský, Š., Mishra, A., Habermann, D., Radev, S. T., Bürkner, P. C. (2025).** Towards trustworthy amortized Bayesian model comparison. *NeurIPS Workshop on Reliable Machine Learning from Unreliable Data*. OpenReview: <https://openreview.net/forum?id=6IMb0itvI0>. (B04).
- Mohaddes, A., Lederer, J. (2025).** Cardinality sparsity: Applications in matrix-matrix multiplications and machine learning. *Transactions on Machine Learning Research*. OpenReview: <https://openreview.net/forum?id=zoSRSpGu9C>. (A05).
- Säilynoja T., Schmitt M., Bürkner P. C., Vehtari A. (2026).** Posterior SBC: Simulation-based calibration checking conditional on data. *Statistics and Computing* 36 (2). DOI: [10.1007/s11222-026-10825-9](https://doi.org/10.1007/s11222-026-10825-9). (B04).
- Scheurer S., Reiser P., Brünnette T., Nowak W., Guthke A., Bürkner P. C. (2026).** Uncertainty-Aware Surrogate-based Amortized Bayesian Inference for Computationally Expensive Models. *Transactions on Machine Learning Research*. OpenReview: <https://openreview.net/forum?id=aVSoQXbfy1>. (B04).



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## Peer-reviewed Articles (Published)

**Schumacher, F. L., Knoth, C., Ludwig, M., Meyer, H. (2025).** Estimation of local training data point densities to support the assessment of spatial prediction uncertainty. *Geoscientific Model Development* 18 (24), 10185–10202. DOI: [10.5194/gmd-18-10185-2025](https://doi.org/10.5194/gmd-18-10185-2025). (A05).

**Strömer, A., de Carvalho, M., Klein, N., Mayr, A. (2025).** Modeling joint extreme events via boosting distributional copula regression. *Proceedings of the 39th International Workshop on Statistical Modelling, Volume 1*. (A07).

**Taheri, M., Xie, F., Lederer, J. (2025).** Statistical guarantees for approximate stationary points of shallow neural networks. *Transactions on Machine Learning Research*. OpenReview: <https://openreview.net/forum?id=PNUMiLbLml>. (A05).

## Working Papers

**Azadkia, M., Dette, H. (2026).** Kernel estimation Of Chatterjee's dependence coefficient. *arXiv*. DOI: [10.48550/arXiv.2602.14206](https://doi.org/10.48550/arXiv.2602.14206). (A07).

**Boulin, A., Bücher, A. (2026).** Dimension reduction in multivariate extremes via latent linear factor models. *arXiv*. DOI: [10.48550/arXiv.2602.23143](https://doi.org/10.48550/arXiv.2602.23143). (A02).

**Boulin, A., Haufs., E. (2025).** Extrapolating into the extremes with minimum distance estimation. *arXiv*. DOI: [10.48550/arXiv.2511.20466](https://doi.org/10.48550/arXiv.2511.20466). (A02).

**Bracher, N., Kühmichel, L., Ivanova, D. R., Intes, X., Bürkner, P. C., Radev, S. T. (2025).** JADAI: Jointly amortizing adaptive design and Bayesian inference. *arXiv*. DOI: [10.48550/arXiv.2512.22999](https://doi.org/10.48550/arXiv.2512.22999). (B04).

**Fazio, L., Scholz, M., Aguilar, J. E., Bürkner, P. C. (2025).** Primed priors for simulation-based validation of Bayesian models. *arXiv*. DOI: [10.48550/arXiv.2408.06504](https://doi.org/10.48550/arXiv.2408.06504). (B04).

**Görz, S., Fried, R. (2025).** Detecting changes in the mean of spatial random fields on a regular grid. *arXiv*. DOI: [10.48550/arXiv.2512.11599](https://doi.org/10.48550/arXiv.2512.11599). (A04).

**Helmer, V. (2025).** Modal split perceptions and preferences for public funding. TRR 391 Working Paper #10. DOI: [10.17877/DE290R-26254](https://doi.org/10.17877/DE290R-26254). (C03).

**Jedhoff, S., Semenova, E., Raulo, A., Meyer, A., Bürkner, P. C. (2026).** From mice to trains: Amortized Bayesian inference on graph data. *arXiv*. DOI: [10.48550/arXiv.2601.02241](https://doi.org/10.48550/arXiv.2601.02241). (B04).

**Kucharský, Š., Mishra, A., Habermann, D., Radev, S. T., Bürkner, P. C. (2026).** Improving the accuracy of amortized model comparison with self-consistency. *arXiv*. DOI: [10.48550/arXiv.2512.14308](https://doi.org/10.48550/arXiv.2512.14308). (B04).

**Kühmichel, L., Huang, J. M., Pratz, V., Arruda, J., Olischläger, H., Habermann, D., Kucharský, Š., Elsemüller, L., Mishra, A., Bracher, N., Jedhoff, S., Schmitt, M., Bürkner, P. C., Radev, S. T. (2026).** BayesFlow 2.0: Multi-backend amortized Bayesian inference in Python. *arXiv*. DOI: [10.48550/arXiv.2602.07098](https://doi.org/10.48550/arXiv.2602.07098). (B04).

**Kutta, T., Schumann, M., Dette, H. (2025).** Inference for forecasting accuracy: Pooled versus individual estimators in high-dimensional panel data. *arXiv*. DOI: [10.48550/arXiv.2512.15592](https://doi.org/10.48550/arXiv.2512.15592). (A03).



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## Working Papers

**Labanca, F., Gottard, A., Klein, N. (2026).** Copula-based models for spatially dependent cylindrical data. *arXiv*. DOI: [10.48550/arXiv.2602.05778](https://doi.org/10.48550/arXiv.2602.05778). (A07).

**Lederer, J., Oesting, M. (2025).** Extremes in high dimensions: Methods and scalable algorithms. *arXiv*. DOI: [10.48550/arXiv.2303.04258](https://doi.org/10.48550/arXiv.2303.04258). (A05).

**Li, B., Qiao, X., Wu, W., Dette, H. (2025).** Convergence of covariance and spectral density estimates for high-dimensional functional time series. *arXiv*. DOI: [10.48550/arXiv.2512.13310](https://doi.org/10.48550/arXiv.2512.13310). (A03).

**Mahtout, B. E., Ziel, F. (2026).** Electricity price forecasting: Bridging linear models, Neural Networks and Online Learning. *arXiv*. DOI: [10.48550/arXiv.2601.02856](https://doi.org/10.48550/arXiv.2601.02856). (C02).

**Mishra, A., Kucharský, Š., Bürkner, P. C. (2026).** Unsupervised continual learning for amortized Bayesian inference. *arXiv*. DOI: [10.48550/arXiv.2602.22884](https://doi.org/10.48550/arXiv.2602.22884). (B04).

**Mukherjee, S., Aguilar, J. E., Zago, M., Claassen, M., Bürkner, P. C. (2025).** Latent variable estimation with composite Hilbert space Gaussian processes. *arXiv*. DOI: [10.48550/arXiv.2510.25371](https://doi.org/10.48550/arXiv.2510.25371). (B04).

**Ng, W. L., Tang, X., Cheung, M. L., Gao, J., Yau, C. Y., Dette, H. (2026).** Inference for multiple change-points in piecewise locally stationary time series. *arXiv*. DOI: [10.48550/arXiv.2601.07400](https://doi.org/10.48550/arXiv.2601.07400). (A03).

**Wenkel, J. M., Smith, M. S., Klein, N. (2026).** Bayesian additive regression tree copula processes for scalable distributional prediction. *arXiv*. DOI: [10.48550/arXiv.2601.04913](https://doi.org/10.48550/arXiv.2601.04913). (A07).

## Software

**Görz, S., Fried, R. (2026).** SChangeBlock: Spatial structural change detection by an analysis of variability between blocks of observations. R package. DOI: [10.32614/CRAN.package.SChangeBlock](https://doi.org/10.32614/CRAN.package.SChangeBlock). (A04).

## Talks

(ordered chronologically)

### Keynotes and Invited Talks

**Axel Bücher (A02):** Latent linear factor models for tail dependence in high dimensions. One World Extremes Seminar, Online talk, January 22, 2026. Available at <https://www.youtube.com/watch?v=Da82owY-LGw>.

**Axel Bücher (A02):** Latent linear factor models for tail dependence in high dimensions. Workshop on Mathematical Advances in Dependence and Extremes, Karlsruhe, Germany, March 16–17, 2026.

**Christoph Hanck (A06):** A multiply robust version of the Diebold-Mariano test. Workshop in Time Series Econometrics, Zaragoza, Spain, March 19–20, 2026.

**Axel Bücher (A02):** Latent linear factor models for tail dependence in high dimensions. Workshop H2O: Higher-Order pattern-discovery in High-dimensional data, Aarhus Institute of Advance Studies, March 30–31, 2026.



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## Talks

### Conference and Workshop Contributions

**Daria Ovsyannikova** (C03): Pitfalls of Inference in Panels with Cross-Dependence of Uncertain Strength. Italian Workshop of Econometrics and Empirical Economics: “New Directions in Panel Data Econometrics” (IWEEE), Ancona, Italy, January 16–17, 2026.

### Talks in Research Seminars and Organized Workshops

**Paul Bürkner** (B04): Bayes in the age of machine learning. Quantifying and Managing Uncertainty, Bielefeld, Germany, March 4, 2026.