

Sascha Meyen

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Academic Appointments

2022–today	Postdoctoral Researcher	University of Tübingen, Germany
2017–2022	Doctoral Researcher	University of Tübingen, Germany

Education

2017–2022	Dissertation / Ph.D. (magna cum laude)	University of Tübingen, Germany
	<i>Information-theoretic perspectives on unconscious priming and group decisions</i> Prof. Dr. Volker H. Franz, Prof. Dr. Ulrike von Luxburg	
2013–2016	M.Sc. Computer Science (final grade 1.0)	University of Hamburg, Germany
	<i>Relation between classification accuracy and mutual information in equally weighted classification tasks</i> Prof. Dr. Volker H. Franz, Prof. Dr. Ulrike von Luxburg	
2013–2016	B.Sc. Psychology (final grade 1.4)	University of Hamburg, Germany
	<i>Soziale Projektion von Vertrauenswürdigkeit: Ist die Welt von Lügern voller Lügner?</i> Dr. Sandra Wittleder	
2010–2013	B.Sc. Human-Computer-Interaction (final grade 1.4)	University of Hamburg, Germany
	<i>Eine Simulationsstudie zu den Grenzen der Inverse Probability Weighting Methode</i> Prof. Dr. Martin Spieß	

Selected Awards and Honors

2026	Second place of the university teaching award	University of Tübingen
2025	Winner of the department teaching award	Computer Science Dep., University of Tübingen
2024	Winner of the department teaching award	Computer Science Dep., University of Tübingen
2023	Finalist in 13th DGPs' dissertation contest	(Dissertationspreis Allgemeine Psychologie)

Research Funding

2025–2028	359,100 EUR: Leading role in one project of the DFG's Sonderforschungsbereich 1233 Robust Vision covering a 75% PhD position and 75% of my own PostDoc position
2021–2024	177,840 EUR: Central role in one project of the DFG's Sonderforschungsbereich 1233 Robust Vision covering my 65% PhD position

Teaching Experience

2024–today	Mathematical Statistics & Research Methods	Lecture
2022–2024	Computer Supported Statistics	Seminar
2017–2022	Mathematical Statistics	Seminar
2017	Machine Learning: Algorithms and Theory	Seminar
2015–2016	Software Project Leader	Project
2014–2015	Quantitative Methods	Seminar
2011–2015	Quantitative Methods	Tutoring
2018–today	Supervision of Undergraduate Theses	
	Ida Knecht (B.Sc. Kognitionswissenschaft)	2026
	David Marx-Stölting (B.Sc. Kognitionswissenschaft)	2025
	Laura Bantle (B.Sc. Medieninformatik)	2025
	Linus Szillat (B.Sc. Kognitionswissenschaft)	2024
	Lin Lin (B.Sc. Kognitionswissenschaft)	2024
	Elias Küchle (B.Sc. Kognitionswissenschaft)	2024
	Carina Schrenk (B.Sc. Kognitionswissenschaft)	2024
	Katharina Deckenbach (B.Sc. Kognitionswissenschaft)	2023
	Lia Schmid (B.Sc. Kognitionswissenschaft)	2021
	David Wiedner (B.Sc. Kognitionswissenschaft)	2020
	Jakob Laing (B.Sc. Kognitionswissenschaft)	2019
	Dorothee M. B. Sigg (B.Sc. Kognitionswissenschaft)	2019
	Frieder Göppert (B.Sc. Kognitionswissenschaft)	2018

Scientific Service

2021–today	Reviewer for Scientific Journals	
	Advances in Cognitive Psychology	
	Cognitive Research: Principles and Implications	
	Cognitive Psychology	
	Consciousness and Cognition	
	Current Directions in Psychological Science	
	International Journal of Psychology	
	Journal of Articles in Support of the Null Hypothesis	
	PeerJ	
	Journal of Experimental Psychology: Learning, Memory, and Cognition	
	Neuroscience of Consciousness	
	Proceedings of the National Academy of Sciences	
	Scientific Reports	
	Psychonomic Bulletin & Review	
	Qeios	
	Visual Cognition	
2020–today	Conference co-organizer of TeaP 2026 (800 participants)	
	Website and database management	
2026	Chair of symposium Computational Models of Confidence at TeaP 2026	
2020–today	Member of Deutsche Gesellschaft für Psychologie	
	Special group: General Psychology (Fachgruppe Allgemeine Psychologie)	

Representative Peer-Reviewed Publication

Meyen, S., Göppert, F., Schrenk, C., Luxburg, U. von, & Franz, V. H. (2025). Information-theoretic measures of metacognition: Bounds and relation to group performance. *Open Mind*, 9, 1728–1762. <https://doi.org/10.1162/opmi.a.40>

Meyen, S., Vadillo, M. A., von Luxburg, U., & Franz, V. H. (2024). No evidence for contextual cueing beyond explicit recognition. *Psychonomic Bulletin & Review*, 31(3), 907–930. <https://doi.org/10.3758/s13423-023-02358-3>

Meyen, S., Zerweck, I. A., Amado, C., von Luxburg, U., & Franz, V. H. (2022). Advancing research on unconscious priming: When can scientists claim an indirect task advantage? *Journal of Experimental Psychology: General*, 151(1), 65–81. <https://doi.org/10.1037/xge0001065>

Peer-Reviewed Publication

Bhatia, K., Huber, T., **Meyen, S.**, Göhringer, F., Schenk, T., Janczyk, M., & Franz, V. H. (in press). Comparing size discrimination in perception and action. *Journal of Experimental Psychology: Human Perception and Performance*.

Meyen, S., Lin, L., Schrenk, C., & Franz, V. H. (2026). Accumulated evidence as an additive performance measure based on confidence ratings. *New Ideas in Psychology*, 82, 101249. <https://doi.org/10.1016/j.newideapsych.2026.101249>

Streicher, J., **Meyen, S.**, Franz, V. H., & Stein, T. (2025). Neural correlates of unconscious processing in functional magnetic resonance imaging: Does brain activity contain more information than can be consciously reported? *Neuroscience of Consciousness*, 2025(1). <https://doi.org/10.1093/nc/niaf042>

Stockart, F., Schreiber, M., Amerio, P., Carmel, D., Cleeremans, A., Deouell, L. Y., Dienes, Z., Elozegi, P., Gayet, S., Goldstein, A., Halchin, A.-M., Hesselmann, G., Kimchi, R., Lamy, D., Loued-Khenissi, L., **Meyen, S.**, Micher, N., Pitts, M., Salomon, R., ... Mudrik, L. (2025). Studying unconscious processing: Contention and consensus. *Behavioral and Brain Sciences*, 1–77. <https://doi.org/10.1017/s0140525x25101489>

Göppert, F., Bhatia, K., **Meyen, S.**, & Franz, V. H. (2025). Realistic expectations for replications: Expecting too little is just as bad as expecting too much. *Advances in Methods and Practices in Psychological Science*, 8(3). <https://doi.org/10.1177/25152459251369846>

Klein, T., **Meyen, S.**, Brendel, W., Wichmann, F. A., & Meding, K. (2025). *Quantifying uncertainty in error consistency: Towards reliable behavioral comparison of classifiers*. <https://doi.org/10.48550/arXiv.2507.06645>

Rausch, M., **Meyen, S.**, & Hellmann, S. (2025). statConFR: An R package for static models of decision confidence and metacognition. *Journal of Open Source Software*, 10(106), 6966. <https://doi.org/10.21105/joss.06966>

Franz, V. H., **Meyen, S.**, & von Luxburg, U. (2024). Technical comment on Gunderson, ten Brinke, and Sokol-Hessner (2023). When the body knows: Interoceptive accuracy enhances physiological but not explicit differentiation between liars and truth-tellers. *Personality and Individual Differences*, 204, 112039. *Personality and Individual Differences*, 217, 112439. <https://doi.org/10.1016/j.paid.2023.112439>

Schneepf, I. A., Friedrich, F., Hepting, C., **Meyen, S.**, & Franz, V. H. (2022). Neural mechanisms of response priming do not support veridical unconscious processing. *Consciousness and Cognition*, 102, 103348. <https://doi.org/10.1016/j.concog.2022.103348>

Meyen, S., Sigg, D. M. B., von Luxburg, U., & Franz, V. H. (2021). Group decisions based on

confidence weighted majority voting. *Cognitive Research: Principles and Implications*, 6(1), 1–13. <https://doi.org/10.1186/s41235-021-00279-0>

Meyen, S., Göppert, F., Alber, H., von Luxburg, U., & Franz, V. H. (2021). *Specialists outperform generalists in ensemble classification*. <https://arxiv.org/abs/2107.04381>

Zerweck, I. A., Kao, C. S., **Meyen, S.**, Amado, C., Eltz, M. von, Klimm, M., & Franz, V. H. (2021). Number processing outside awareness? Systematically testing sensitivities of direct and indirect measures of consciousness. *Attention, Perception, & Psychophysics*, 83(6), 2510–2529. <https://doi.org/10.3758/s13414-021-02312-2>

Invited Talks

Meyen, S. (2026, June 23). *Pitfalls in measuring unconscious and implicit processing*. [Invited talk]. Cognitive Science Colloquium, University of Tübingen, Tübingen, Germany. <https://uni-tuebingen.de/de/290268>

Meyen, S., & Franz, V. H. (2025, April 3). *Research on unconscious and implicit processing suffers from the indirect task advantage fallacy*. [Invited talk]. Cognitive and Brain Sciences (Early Career Seminar Series), University of Nevada, Reno, USA. <https://www.unr.edu/psychology/degrees/cognitive-and-brain-sciences/colloquia>

Meyen, S. (2024, May 14). *Information-theoretic measures of metacognition and evidence accumulation*. [Invited talk]. Metamotor Lab, University of Tübingen, Germany. <https://metamotorlab.filevich.com/>

Meyen, S., & Franz, V. H. (2024, December 17). *Pitfalls in measuring unconscious processing*. [Invited talk]. IGPP Kolloquium, Institut für Grenzgebiete der Psychologie und Psychohygiene, Freiburg, Germany. <https://igpp.de/en/research-project/perception-and-cognition/>

Meyen, S. (2024, March 7). *Information-theoretic measures of metacognition*. [Invited talk]. Workshop on Visual Representations, University of Tübingen, University of Darmstadt, and University of Luxembourg.

Meyen, S., & Franz, V. H. (2023, September 15). *Missing evidence for implicit recognition: The indirect task advantage in contextual cueing*. [Invited talk]. Visual Perception, University of Iowa. <https://psychology.uiowa.edu/.../visual-perception/>

Meyen, S., Sigg, D. M. B., & Franz, V. H. (2021, July 12). *Predicting group decisions based on confidence weighted majority voting*. [Invited talk]. Cognitive Modeling, University of Tübingen. <https://uni-tuebingen.de/.../cognitive-modeling/>

Meyen, S., & Franz, V. H. (2020, November 23). *The fallacy of the indirect task advantage (ITA) in unconscious priming research*. [Invited talk]. Cognition and Perception, University of Tübingen. <https://uni-tuebingen.de/.../cognition-and-perception/>

Meyen, S., & Franz, V. H. (2020, June 6). *Inconsistent standard reasoning in unconscious priming research*. [Invited talk]. Cognitive Systems Lab, Chemnitz University of Technology. <https://www.tu-chemnitz.de/physik/SFKS/index.html.en>

Meyen, S., & Franz, V. H. (2019, July 7). *The indirect task advantage in consciousness research*. [Invited talk]. Liad Mudrik Lab, Tel Aviv University. <https://people.socsci.tau.ac.il/mu/mudriklab/>

Conference Contributions

Meyen, S., & Hamaloğlu, S. (2026). *Computational models of confidence and metacognitive ability*. Symposium at the 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany.

Meyen, S., Göppert, F., & Franz, V. H. (2026, March 15-18). *How to interpret information-theoretic measures of metacogni-*

- tion? In S. Meyen and S. Hamaloğlu (Chairs), Computational Models of Confidence and Metacognitive Ability [Symposium]. 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany. <https://www.teap.de/>
- Szillat, L., Göppert, F., **Meyen, S.**, & Franz, V. H. (2026, March 15-18). *Does optional stopping lead to higher error rates than fixed-n designs in the bayesian t-test?* [Poster presentation]. 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany. <https://www.teap.de/>
- Knecht, I., Franz, V. H., & **Meyen, S.** (2026, March 15-18). *Comparing m-ratio to information-theoretic measures of metacognition.* [Poster presentation]. 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany. <https://www.teap.de/>
- Lin, L., Schrenk, C., Franz, V. H., & **Meyen, S.** (2026, March 15-18). *Accumulated evidence as an additive performance measure based on confidence ratings.* [Poster presentation]. 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany. <https://www.teap.de/>
- Bhatia, K., Huber, T., **Meyen, S.**, Goehringer, F., Schenk, T., & Franz, V. H. (2026, March 15-18). *Size discrimination in perception and action.* In V. H. Franz (Chair), Perception & Psychophysics [Symposium]. 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany. <https://www.teap.de/>
- Göppert, F., **Meyen, S.**, & Franz, V. H. (2026, March 15-18). *Comparing frequentist and bayesian hypothesis tests using regions of decision.* [Conference session]. 68th Tagung experimentell arbeitender Psycholog:innen (TeaP), Tübingen, Germany. <https://www.teap.de/>
- Göppert, F., Szillat, L., **Meyen, S.**, & Franz, V. H. (2025, December 15-18). *Does bayesian optional stopping always increase error rates?* [Poster presentation]. 2025 IMS International Conference on Statistics and Data Science (ICSDS), Seville, Spain. <https://sites.google.com/view/ims-icsds2025/>
- Meyen, S.**, Göppert, F., & Franz, V. H. (2025, July 6-9). *The limits of measures of metacognition.* [Poster presentation]. 28th Annual Meeting of the Association for the Scientific Study of Consciousness (ASSC), Heraklion, Greece. <https://assc2025.gr/>
- Meyen, S.**, & Franz, V. H. (2025, March 9-12). *Better evidence for unconscious priming: Double dissociations plus indirect task advantages.* In G. Hesselmann (Chair), Unveiling the future of masked priming: Innovations, challenges, and collaborative pathways [Symposium]. 67th Tagung experimentell arbeitender Psycholog:innen (TeaP), Frankfurt, Germany. <https://www.teap.de/>
- Göppert, F., Szillat, L., **Meyen, S.**, & Franz, V. H. (2025, March 9-12). *Is optional stopping really no problem for bayesians?* [Poster presentation]. 67th Tagung experimentell arbeitender Psycholog:innen (TeaP), Frankfurt, Germany. <https://www.teap.de/>
- Blöck, A., Küchle, E., **Meyen, S.**, & Franz, V. H. (2025, March 9-12). *Controlling a game via steady-state visually evoked potentials.* [Poster presentation]. 67th Tagung experimentell arbeitender Psycholog:innen (TeaP), Frankfurt, Germany. <https://www.teap.de/>
- Göppert, F., **Meyen, S.**, & Franz, V. H. (2024, October 28-31). *Evaluating bayesian and frequentist hypothesis tests using regions of support.* [Poster presentation]. Conference on Meta-Science and Replicability in the social, behavioral, and cognitive sciences (META-REP), Munich, Germany. <https://meta-rep.de/conference24/>
- Meyen, S.**, & Franz, V. H. (2024, September 04-06). *The limits of measuring metacognition.* [Poster presentation]. European Mathematical Psychology Group Meeting (EMPG), Tübingen, Germany. <https://www.mathpsy.uni-tuebingen.de/empg2024/>
- Göppert, F., **Meyen, S.**, & Franz, V. H. (2024, September 04-06). *Comparing hypothesis tests using regions of support.* [Poster presentation]. European Mathematical Psychology Group Meeting (EMPG), Tübingen, Germany. <https://www.mathpsy.uni-tuebingen.de/empg2024/>
- Meyen, S.**, Soukup, M., & Franz, V. H. (2024, August 25-29). *Measuring time-dependent evidence accumulation based on confidence reports.* [Poster presentation]. 46th European Conference on Visual Perception (ECVP), Aberdeen, Scotland. <https://ecvp2024.abdn.ac.uk/>
- Göppert, F., **Meyen, S.**, & Franz, V. H. (2024, July 19-22). *Comparing hypothesis tests using regions of support.* [Poster presentation]. 57th Annual Meeting of the Society for Mathematical Psychology (MathPsych), Tilburg, Netherlands. <https://mathpsych.org/conference/15/>
- Meyen, S.**, Soukup, M., & Franz, V. H. (2024, March 17-20). *Measuring time-dependent drift rates in diffusion processes through metacognition.* [Poster presentation]. 66th Tagung experimentell arbeitender Psycholog:innen (TeaP), Regensburg, Germany. <https://www.teap.de/>
- Göppert, F., **Meyen, S.**, & Franz, V. H. (2024, March 17-20). *Relating frequentist and bayesian hypothesis tests using regions of support.* [Poster presentation]. 66th Tagung experimentell arbeitender Psycholog:innen (TeaP), Regensburg, Germany. <https://www.teap.de/>

- Meyen, S., Soukup, M., & Franz, V. H.** (2023, August 27–31). *Metacognition of perceptual evidence accumulation in the first 50 ms of viewing*. [Poster presentation]. 45th European Conference on Visual Perception (ECVP), Paphos, Cyprus. <https://cyprusconferences.org/ecvp2023>
- Streicher, J., **Meyen, S., & Franz, V. H.** (2023, June 22–25). *Scanning the neural correlates of consciousness: When can scientists claim an indirect task advantage? The case of fMRI studies*. [Poster presentation]. 26th Annual Meeting of the Association for the Scientific Study of Consciousness (ASSC), New York City, New York, USA. <https://www.teap.de/>
- Meyen, S., Vadillo, M. A., von Luxburg, U., & Franz, V. H.** (2023, March 26–29). *Missing evidence for implicit recognition: The indirect task advantage in contextual cueing*. In S. Malejka (Chair), New methodological approaches to measuring unconscious mental processes [Symposium]. 65th Tagung experimentell arbeitender Psycholog:innen (TeaP), Trier, Germany. <https://www.teap.de/>
- Göppert, F., **Meyen, S., & Franz, V. H.** (2023, March 26–29). *Allowing for indecisive outcomes: A fair comparison of equivalence tests*. [Poster presentation]. 65th Tagung experimentell arbeitender Psycholog:innen (TeaP), Trier, Germany. <https://www.teap.de/>
- Meyen, S., Vadillo, M. A., von Luxburg, U., & Franz, V. H.** (2022, July 12–15). *Contextual cueing: Evidence for implicit recognition or not?* [Poster presentation]. 25th Annual Meeting of the Association for the Scientific Study of Consciousness (ASSC), Amsterdam, Netherlands. <https://theassc.org/assc-25/>
- Meyen, S., von Luxburg, U., & Franz, V. H.** (2022, March 20–23). *Quantifying the contribution of top-down information in visual perception using metacognition*. [Poster presentation]. 64th Tagung experimentell arbeitender Psycholog:innen (TeaP), Cologne, Germany. <https://www.teap.de/>
- Meyen, S., von Luxburg, U., & Franz, V. H.** (2021, May 21–26). *Is contextual cueing unconscious? The indirect task advantage in implicit learning*. [Poster presentation]. 21st Annual Meeting of the Vision Science Society (VSS), online conference. <https://www.visionsciences.org>
- Zerweck, I. A., **Meyen, S., Friedrich, F., Hepting, C., & Franz, V. H.** (2021, May 21–26). *Effects of visually masked numbers and lines on brain activity*. [Poster presentation]. 21st Annual Meeting of the Vision Science Society (VSS), online conference. <https://www.visionsciences.org>
- Meyen, S., von Luxburg, U., & Franz, V. H.** (2021, August 22–27). *Contextual cueing may not be unconscious*. [Conference session]. 43rd European Conference on Visual Perception (ECVP), online conference. <https://ecvp2021.org/>
- Zerweck, I. A., **Meyen, S., Friedrich, F., Hepting, C., & Franz, V. H.** (2021, August 22–27). *Unconscious priming revisited: Is there evidence for superior unconscious processing with EEG?* [Poster presentation]. 43rd European Conference on Visual Perception (ECVP), online conference. <https://ecvp2021.org/>
- Meyen, S., Zerweck, I. A., Amado, C., von Luxburg, U., & Franz, V. H.** (2021, March 13–16). *A fallacy in unconscious priming research: When can scientists truly claim an indirect task advantage?* [Conference session]. 63rd Tagung experimentell arbeitender Psycholog:innen (TeaP), Ulm, Germany. <https://www.teap.de/>
- Zerweck, I. A., **Meyen, S., Friedrich, F., & Franz, V. H.** (2021, March 13–16). *Unconscious priming. Should scientists use continuous direct measures?* [Conference session]. 63rd Tagung experimentell arbeitender Psycholog:innen (TeaP), Ulm, Germany. <https://www.teap.de/>
- Meyen, S., von Luxburg, U., & Franz, V. H.** (2020, March 22–25). *Predicting group decisions based on confidence weighted majority voting*. [Poster presentation]. 62nd Tagung experimentell arbeitender Psycholog:innen (TeaP), Jena, Germany. <https://www.teap.de/>
- Zerweck, I. A., **Meyen, S., Amado, C., & Franz, V. H.** (2020, March 22–25). *Can we process task-irrelevant stimuli better than task-relevant stimuli? The case of number- and line-stimuli*. [Conference session]. 62nd Tagung experimentell arbeitender Psycholog:innen (TeaP), Jena, Germany. <https://www.teap.de/>
- Amado, C., **Meyen, S., Zerweck, I. A., & Franz, V. H.** (2020, March 22–25). *The indirect task advantage on low-level sensory input: New insights on unconscious priming*. [Conference session]. 62nd Tagung experimentell arbeitender Psycholog:innen (TeaP), Jena, Germany. <https://www.teap.de/>
- Meyen, S., Helen, A., Wiedner, D., von Luxburg, U., & Franz, V. H.** (2020, January 23–24). *A theoretical perspective on the allocation of processing resources in the visual system*. [Poster presentation]. 1st GK Doctoral Symposium on Cognitive Science (GK), Tübingen, Germany. <https://uni-tuebingen.de>
- Zerweck, I. A., Eltz, M. von, Kao, C., **Meyen, S., Amado, C., Klimm, M., & Franz, V. H.** (2020, January 23–24). *Effects of number priming on task performance: No evidence for preserved unconscious processing*. [Poster presentation]. 1st GK Doctoral Symposium on Cognitive Science (GK), Tübingen, Germany. <https://uni-tuebingen.de>
- Meyen, S., Zerweck, I. A., Amado, C., von Luxburg, U., & Franz, V. H.** (2019, May 17–22). *Re-analyzing unconscious priming: Is there really an indirect task advantage?* [Poster presentation]. 19th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, Florida, USA. <https://www.visionsciences.org>

- Zerweck, I. A., Eltz, M. von, Kao, C., **Meyen, S.**, Amado, C., Klimm, M., & Franz, V. H. (2019, May 17–22). *Is there evidence for unconscious processing of digits?* [Poster presentation]. 19th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, Florida, USA. <https://www.visionsciences.org>
- Meyen, S.**, Zerweck, I. A., Amado, C., von Luxburg, U., & Franz, V. H. (2018, August 26–30). *Reviewing evidence for superior visual processing without awareness: Do we really process more than we can know?* [Poster presentation]. 41st European Conference on Visual Perception (ECVP), Trieste, Italy. <https://www.ecvp2018.org/>
- Zerweck, I. A., **Meyen, S.**, Amado, C., Friedrich, F., U., & Franz, V. H. (2018, August 26–30). *Evaluating methods in visual tasks: Confidence ratings convey more information than binary responses.* [Poster presentation]. 41st European Conference on Visual Perception (ECVP), Trieste, Italy. <https://www.ecvp2018.org/>
- Meyen, S.**, von Luxburg, U., & Franz, V. H. (2018, March 11–14). *Reviewing evidence for superior unconscious processing: Do we really perceive more than we know?* In G. Hesselmann (Chair), Perception: Visibility and awareness [Symposium]. 60th Tagung experimentell arbeitender Psycholog:innen (TeaP), Marburg, Germany. <https://www.teap.de/>
- Zerweck, I. A., **Meyen, S.**, Friedrich, F., Grethen, K., & Franz, V. H. (2018, March 11–14). *Unconscious processing of numbers: How important is the response format?* [Poster presentation]. 60th Tagung experimentell arbeitender Psycholog:innen (TeaP), Marburg, Germany. <https://www.teap.de/>
- Meyen, S.**, Franz, V. H., & von Luxburg, U. (2017, June 19–30). *Classification accuracy and mutual information in psychological research.* [Poster presentation]. Machine Learning Summer School (MLSS), Tübingen, Germany. <http://mlss.cc/>

Research Interests

I develop statistical measures to capture constructs of interest for psychological research.

- In **unconscious processing**, I studied how much information humans process unconsciously.
- I developed information-theoretic **measures of the goodness of confidence ratings**.
- To evaluate **performance in group decisions**, I developed a formal cognitive model.

Additional Qualifications and Engagement

2026	First aid course (Ersthelfer)	University of Tübingen
2022	IMI Mediator Certification	Consensus Cmapus, Stuttgart, Germany
2018	European Business Competence Licence A	
2012–2016	Student representative	Psychology Department, University of Hamburg
2011	Gender communication training	University of Hamburg
2010	Basic course (4-month) in Social Media	Social Media Akademie
—————	Programming R, MATLAB LaTeX Python, Java Javascript, PHP, HTML5, CSS	
—————	Languages German (native) English (C1) Latin proficiency certificate	

References

—————	Prof. Dr. Volker H. Franz volker.franz@uni-tuebingen.de +49 7071 29 78955	University of Tübingen, Germany
—————	Prof. Dr. Felix A. Wichmann felix.wichmann@uni-tuebingen.de +49 7071 29 70421	University of Tübingen, Germany
—————	Prof. Dr. Bettina Rolke bettina.rolke@uni-tuebingen.de +49 7071 29 4721	University of Tübingen, Germany
—————	Prof. Dr. Manuel Rausch Manuel.Rausch@aau.at +43 463 2700 1645	University of Klagenfurt
—————	Prof. Dr. Timo Stein T.Stein@uva.nl	University of Amsterdam