



Felix Schreiber

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Website: <https://uni-tuebingen.de/fakultaeten/mathematisch-naturwissenschaftliche-fakultaet/fachbereiche/psychologie/fachbereich/>

Home: (Germany)

ABOUT ME

I investigate future-oriented cognition, (embodied) anticipated/anticipatory emotions, proactive behavior and mental health in children and adolescents. My work aims to support the development of resilience and coping skills in young people, with the goal of fostering emotional well-being and improving their ability to navigate challenges throughout development.

EDUCATION AND TRAINING

Postdoc (School Psychology)

Eberhard Karls Universität Tübingen [01/04/2025 – Current]

City: Tübingen | **Country:** Germany | **Website:** <https://uni-tuebingen.de/fakultaeten/mathematisch-naturwissenschaftliche-fakultaet/fachbereiche/psychologie/fachbereich/>

Postdoc (Developmental Psychology)

Brock University [09/2024 – 31/01/2025]

City: St. Catharines | **Country:** Canada | **Website:** <https://www.brockdmclab.com/>

PhD (Developmental Psychology)

Ruhr-University Bochum [09/2020 – 07/2024]

City: Bochum | **Country:** Germany | **Website:** <https://www.kli.psy.ruhr-uni-bochum.de/kkjp/team.html> | **Final grade:** Magna Cum Laude | **Thesis:** "Future-Oriented Cognition in Youth: Insights into Proactive Behavior and Implications for Mental Health"

Links: <https://situated-cognition.com/> | <https://fbz-bochum.de/team>

Some examples:

- Study Design and Execution: Hypothesis formulation, ethical approval applications, preregistration, pilot testing, data collection, and analysis.
- Supervision and Mentorship: Oversaw bachelor's and master's research projects, including experimental design, data analysis, and thesis preparation.
- Advanced Statistical Analysis: Proficient in R for data visualization, modeling, and multivariate statistical testing.
- Project Management: Coordinated multi-phase research projects.
- Interdisciplinary Collaboration: Integrated diverse methodologies through cross-disciplinary teamwork.

Internship and Master thesis

Max Planck Institute for Human Cognitive and Brain Sciences [01/2019 – 03/2020]

City: Leipzig | **Country:** Germany | **Website:** <https://www.cbs.mpg.de/en>

Master of Science

University Osnabrück [10/2016 – 09/2020]

City: Osnabrück | **Country:** Germany | **Website:** <https://www.uni-osnabrueck.de/studieninteressierte/studiengaenge-a-z/cognitive-science-master-of-science/> | **Field(s) of study:** Cognitive Science | **Final grade:**

Excellent (1.5) | **Thesis:** Collaborative and Competitive Goals in Predicting other's Actions- Brain-to-Brain synchronization in a Rock, Paper, Scissors Game using EEG Hyperscanning

Bachelor of Science

Hochschule Darmstadt [10/2013 – 10/2016]

City: Darmstadt | Country: Germany | Website: <https://h-da.de/studium/studienangebot/studiengaenge/wirtschaft-und-gesellschaft/wirtschaftspsychologie-bsc> | Field(s) of study: Economic Psychology | Final grade: 2.0
| Thesis: The theory of planned behavior and "nudging" in comparison. To what extent do these approaches complement or contradict each other in behavioral research? A comparison of effectiveness using studies in the theme spectrum of "Food Choices and Health".

Alevels

Ulrichsgymnasium Norden [06/2013]

City: Norden | Website: <http://www.ug-norden.de/>

LANGUAGE SKILLS

Mother tongue(s): German

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

R-STATISTIC / Microsoft Office / MaxQDA qualitative research / SPSS / electroencephalography / Eye-tracking

PUBLICATIONS

[2020]

Hyperscanning: A Valid Method to Study Neural Inter-brain Underpinnings of Social Interaction.

Social interactions are a crucial part of human life. Understanding the neural underpinnings of social interactions is a challenging task that the hyperscanning method has been trying to tackle over the last two decades. Here, we review the existing literature and evaluate the current state of the hyperscanning method. We review the type of methods (fMRI, M/EEG, and fNIRS) that are used to measure brain activity from more than one participant simultaneously and weigh their pros and cons for hyperscanning. Further, we discuss different types of analyses that are used to estimate brain networks and synchronization. Lastly, we present results of hyperscanning studies in the context of different cognitive functions and their relations to social interactions. All in all, we aim to comprehensively present methods, analyses, and results from the last 20 years of hyperscanning research.

Frontiers in Human Neuroscience, 14(39)

[2024]

Negative (but not positive) affective episodic future thinking enhances proactive behavior in 5-year-old children.

Envisioning the future and how you may feel (affective episodic future thinking [EFT]) helps adults to act in favor for their future self, according to manifold experiments. The current study tested whether and how affective EFT also helps children to behave more proactively, that is, to self-initially prepare for an upcoming event. Five-year-old (N = 90) children (data collected from 2021 to 2022) were instructed to mentally imagine how they would feel after successfully managing an upcoming test (positive affective EFT), how they would feel after failing to do so (negative affective EFT), or they were reminded of an upcoming test without a prompt to imagine (control condition, random

assignment). Proactive behavior was indicated by children's choice to play one of three games before the actual test (one of the games was announced to be the test game). Mechanisms (e.g., motivation to win, psychological distance, current affect) and moderators (ability of episodically thinking about the future in everyday life, behavioral inhibition, and behavioral approach) for the possible effects of affective EFT were explored. Children in the negative affective EFT condition chose the target game significantly above chance level and more often than children in the control group, whereas children in the positive affective EFT condition did not. This effect was independent of the assumed mediators and moderators. Findings are discussed in the context of the theoretical and empirical literature on affective EFT in adults and suggestions for future studies are given.

Schreiber, F., Schneider, S., Newen, A., & Voigt, B. (2024). Emotion.

Embodying anticipated affect enhances proactive behavior in 5-year-old children

Imagining anticipated affects can foster future-oriented behavior in adults. However, children often still have difficulties in vividly imagining how they will feel in a specific episode (affective episodic future thinking [EFT]). We investigated whether enacting anticipated affects helps children to imagine how they will feel and whether this enhances proactive behavior in turn. A total of 90 5-year-old children were randomly assigned to one of three groups. In the embodiment group, children were instructed to imagine and physically enact how positive and negative they would feel in an upcoming performance test. Children in the EFT-only group underwent a similar procedure but did not enact their future affect. In the control group, children were reminded of the upcoming test only without receiving a prompt to imagine the upcoming test. After the manipulation, children had the opportunity to play one of three games. One game was relevant for the test. Children's choice to play the relevant game in advance of the test served as an indicator for proactive behavior. Mechanisms (e.g., detailedness of the envisioned event) and moderators (theory of mind and neuroticism) of the link between embodied EFT and proactive behavior were explored. Children in the embodiment group chose the relevant game above chance level, but they did not choose the relevant game more often than children in the EFT-only group and the control group. Those results were independent of the assumed mediators and moderators.

Schreiber, F., Schneider, S., Newen, A., & Voigt, B. (2025). J. Exp. Child Psychol.

CONFERENCES AND SEMINARS

[18/01/2021]

Inspection by the German Research Foundation (DFG)

Inspection by the German Research Foundation (DFG) for funding the third cohort of the RTG 'Situating Cognition' (accepted), poster presentation on own project.

Link: <https://situating-cognition.com/>

[07/06/2021 – 28/06/2021]

Organized and coordinated an international online lecture series on gestures, featuring expert speakers.

[02/07/2021 – 03/07/2021]

Coordinator of the lecture series "Recent Debates in Situating Cognition ,Agency"

[11/05/2021 – 13/07/2021]

Coordinator of the lecture series on "Animal Cognition & Child Development"

[10/12/2021] Osnabrück, Germany

Situating Affectivity & Social Understanding

Talk about: "The Role of Guided Affective Episodic Foresight for Proactive Behavior in 5-Year Olds"

Link: <https://situated-cognition.com/conferences-2020-today/>

[20/03/2022 – 23/03/2022]

Conference of experimental psychologists

Poster presentation: "The Role of Guided Affective Episodic Foresight for Proactive Behavior in 5-Year Olds."

Link: <https://teap2022.uni-koeln.de/>

[29/03/2022] Johannes Gutenberg University Mainz, Germany

Colloquium Prof. Altgassen

Invited talk: "The Role of Guided Affective Episodic Foresight for Proactive Behavior in 5-Year Olds"

Link: <https://www.psychologie.uni-mainz.de/abteilungen/entwicklungspsychologie/prof-dr-anne-mareike-altgassen/>

[18/05/2022 – 20/05/2022] Dubrovnik, Croatia

XIII. Dubrovnik Conference on Cognitive Science 'Perspectives on Emotions'

Poster presentation: "The Role of Guided Affective Episodic Future Thinking for Proactive Behavior in 5-Year Olds."

Link: https://cecog.eu/abstract/ducog2022_ab_online.pdf

[07/07/2022 – 08/07/2022] Bochum, Germany

Empirical Studies on Situated Cognition

Invited talk: "A lifespan approach using an Affective Episodic Future Thinking intervention to increase subjective and psychological well-being."

Link: <https://situated-cognition.com/conferences-2020-today/>

[01/06/2023 – 03/06/2023] Madrid, Spain

Symposium (coordinator): Jean-Piaget-Society Conference in Madrid

Symposium: "Episodic future thinking across development"

Talk: "How affective episodic future thinking drives proactive behaviour in 5-year-old children"

Link: <https://piaget.org/conference-2023/>

[13/02/2024] Online

Colloquium Prof. Crone

Invited talk: "Future Oriented Cognition, Proactivity and Mental Health – A Developmental Perspective"

Link: <https://www.universiteitleiden.nl/en/staffmembers/eveline-crone#tab-1>

[25/10/2024]

Lab-meeting of Prof. Mahy

Invited talk: "Future-Oriented Cognition in Youth: Insights into Proactive Behavior and Implications for Mental Health"

Link: <https://www.brockdmclab.com/>

If you have any further questions, please don't hesitate to reach out to me.

01/04/2025