

Dr. Sonja Peteranderl

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Person

born on
January 30th 1988
in Munich

Contact

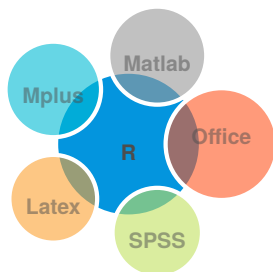
personal

Bodengässli 3
8104 Weiningen ZH
+41 79 811 45 77

work

ETH Zürich
Clausiusstr. 59
8092 Zürich
RZ H 22
+41 44 632 45 34

Skills



Languages

German ★★★★★
English ★★★★★
French ★★★★★
Spanish ★★★★★

Education

Nov 2018

– exp. 2021 **DAS in sports psychology** University of Bern, Switzerland
Diploma of advanced studies

Oct 2015

– June 2019 **Doctor of Science of ETH** ETH Zurich, Switzerland
Experimentation Skills of Primary School Children

June 2013

– June 2015 **Master of Science of Psychology** University of Zurich, Switzerland
Is there a Temporal Isolation Effect in forward serial recall with colors?

June 2010

– June 2013 **Bachelor of Science of Psychology** University of Zurich, Switzerland
The Irrelevant Speech Effect

Oct 2008

– Feb 2010 **Studies** Ludwig-Maximilian University of Munich, Germany
Pedagogy & History

Internships

Jun 2015

– Dec 2015 **Internship** KJPD in Zurich, Switzerland
Work with EEG & FMRI within a research project (LEXI).
Supervisor: Dr. Iliana Karipidis

Jul 2013

– Oct 2013 **Internship abroad** University of Bristol, Great Britain
Computational modeling and estimated simulations of data. Fitting these to empirical data afterwards by comparing different models.
Supervisor: Prof. Dr. Farrell

Professional Experience

Full Time

since

Jul 2019 **Postdoctoral student** ETH Zurich, Switzerland

ETH Zurich

D-GESS, Institute of Behavioral Sciences

Research on Learning & Instruction

Leader: Prof. Dr. Elsbeth Stern

Oct 2015

– Jun 2019 **Doctoral student** ETH Zurich, Switzerland

ETH Zürich

D-GESS, Institute of Behavioral Sciences

Research on Learning & Instruction

Leader: Prof. Dr. Elsbeth Stern

Jul 2010

– Aug 2015 **Research Assistant** University of Zurich, Switzerland

University of Zurich

Different work as a undergraduate Research Assistant in the first year. As from the second year only at the institute of cognitive Psychology.

Leader: Prof. Dr. Oberauer

Part Time

since

Jan 2013 **Fitness Instructor** ASVZ, Switzerland

ASVZ

Muscle Pump, Body Pump, Body Forming & M.A.X.

Sep 2010

– Jun 2015 **Assistant at the «Seniorenuni» of Zurich** University of Zurich, Switzerland

Seniorenuni

Personal assistance and support of retired people at special lectures

Technical Support

Teaching Experience

since 2020 **Lecture:** «Gestaltung schulischer Lernumgebungen» ETH Zurich

since 2017 **Seminar:** «Unterricht im Freien – Outdoorprojekte» ETH Zurich

since 2016 **Seminar:** «Psychosoziale Anforderungen im Lehrberuf» ETH Zurich

Contributions to Conferences

- 2016 **Peteranderl, S.** Florina, Greece
Summer School of the 10th International Conference on Conceptual Change
Development and training of experimentation skills in primary school students.
- 2017 **Peteranderl, S. & Deiglmayr, A.** Tampere, Finland
17th Biennial Conference for Research on Learning an Instruction (EARLI)
Assessment and training of experimentation skills in primary school children.
- 2017 **Peteranderl, S., Deiglmayr, A., Schumacher, R., Edelsbrunner, P., Stern, E.** Tampere, Finland
17th Biennial Conference for Research on Learning an Instruction (EARLI)
Assessment of misconceptions about experimentation in primary school children.
- 2018 **Peteranderl, S., Deiglmayr, A., Edelsbrunner, P., Stern, E.** Klagenfurt, Austria
11th International Conference on Conceptual Change
Assessment of misconceptions in designing conclusive experiments.
- 2018 **Peteranderl, S., Deiglmayr, A., Stern, E.** Frankfurt, Germany
51. Kongress der Deutschen Gesellschaft für Psychologie (DGPs)
Assessment and training of experimentation skills in primary school students.
- 2019 **Peteranderl, S.** Munich, Germany
Reasoning Winterschool Munich
Do training of experimentation skill affect reasoning of primary school children?
- 2019 **Peteranderl, S., Deiglmayr, A., Schumacher, R., Edelsbrunner, P., Stern, E.** Aachen, Germany
18th Biennial Conference for Research on Learning an Instruction (EARLI)
Assessment and training of experimentation skills in primary school children.
- 2019 **Peteranderl, S., Deiglmayr, A.** Leipzig, Germany
PaEpsy-Tagung
Assessment and training of the control-of-variables strategy in primary school children.

Publications

published

- Peteranderl, S. (2019). Experimentation skills of primary school children.
Peteranderl, S. & Oberauer, K. (2018). Serial recall of colors: Two models of memory for serial order applied to continuous visual stimuli. *Memory & cognition*, 46(1), 1–16.

submitted

- Peteranderl, S. & Edelsbrunner, P. (2020). The predictive value of children's understanding of indeterminacy and confounding for later mastery of the control-of-variables strategy.