

Wissenschaftliche Publikationsliste 2020

Liste des publications scientifiques 2020

Fakultät für Psychologie

Assistenzprofessor mit Tenure Track

Prof. Dr. Matthias Maalouli-Hartmann

- **Hartmann, M.**, Singer, S., Savic, B., Müri, R. M., & Mast, F. W. (2020). Anodal high-definition tDCS over the posterior parietal cortex modulates approximate mental arithmetic. *Journal of Cognitive Neuroscience*, 32, 862-876.
- Gurtner, L., **Hartmann, M.**, & Mast, F. W. (in press). Eye movements during visual imagery and perception show spatial correspondence but have a unique temporal signature. *Cognition*.
- **Hartmann, M.**, Martarelli, C., Reber, T., & Rothen, N. (2020). Does a smartphone on the desk drain our brain? No evidence of cognitive costs due to smartphone presence in a short-term and prospective memory task. *Consciousness and Cognition*, 103033.
- Palluel, E., Falconer, C. J., Lopez, C., Marchesotti, S., **Hartmann, M.**, Blanke, O., & Mast, F. W. (2020). Imagined paralysis alters somatosensory evoked-potentials. *Cognitive Neuroscience*, 11(4), 205-215.
- Klaus, M. P., Schöne, C. G., **Hartmann, M.**, Merfeld, D. M., Schubert, M. C., & Mast, F. W. (2020). Roll tilt self-motion direction discrimination training: First evidence for perceptual learning. *Attention, Perception, & Psychophysics*, 82, 1987-1999.

Assistenzprofessorin mit Tenure Track

Prof. Dr. Corinna Martarelli

- Martarelli, C. S., Bertrams, A., & Wolff, W. (2020). A personality trait-based network of boredom, spontaneous and deliberate mind-wandering. Assessment.
- Wolff, W., & Martarelli, C. S. (2020). Bored into depletion? Towards a tentative integration of perceived self-control exertion and boredom as guiding signals for goal-directed behavior. *Perspectives on Psychological Science*, 15(5), 1272-1283.
- Popic, D., Pacozzi S. G., & Martarelli, C. S. (2020). Database of virtual objects to be used in psychological research. *PLOS ONE*, 15(9): e0238041.
- Jost, N. S., Jossen, S. L., Rothen, N., & Martarelli, C. S. (accepted). The advantage of distributed practice in a blended learning setting. *Education and Information Technologies*.
- Humar, H., Mast, F. W., Cacchione, T., & Martarelli, C. S. (accepted). The prioritization of visuo-spatial associations during mental imagery. *Cognitive Processing*.
- Chiquet, S., Martarelli, C.S., & Mast, F.W. (2020). Eye movements to absent objects during mental imagery and visual memory in immersive virtual reality. *Virtual Reality*.
- Hartmann, M., Martarelli, C. S., Reber, T. P., & Rothen, N. (2020). Does a smartphone on the desk drain our brain? No evidence of cognitive costs due to smartphone presence in a short-term and prospective memory task. *Consciousness and Cognition*, 86.
- Martarelli, C. S., Wolff, W. (2020). Too bored to bother? Boredom as a potential threat to the efficacy of pandemic containment measures. *Humanities & Social Sciences Communications*, 7(28).

Wolff, W., Martarelli, C. S., Schüler, J., Bieleke, M. (2020). High boredom proneness and low trait self-control impair adherence to social distancing guidelines during the COVID-19 pandemic. *International Journal of Environmental Research and Public Health*, 17(15), 5420.

Assistentin Pedrett Salome

Pedrett, S., Kaspar, L., & Frick, A. (2020). Understanding of object rotation between two and three years of age. *Developmental Psychology*, 56(2), 261–274. <https://doi.org/10.1037/dev0000871>

Assistenzprofessor mit Tenure Track Prof. Dr. Thomas Reber

- Hartmann, M., Martarelli, C.S., Reber, T.P., and Rothen, N. (2020). Does a smartphone on the desk drain our brain? No evidence of cognitive costs due to smartphone presence in a short-term and prospective memory task. *Consciousness and Cognition* 86, 103033.
- Derner, M., Dehnen, G., Chaieb, L., Reber, T.P., Borger, V., Surges, R., Staresina, B.P., Mormann, F., and Fell, J. (2020). Patterns of single-neuron activity during associative recognition memory in the human medial temporal lobe. *NeuroImage* 221, 117214.

Ausserordentlicher Professor Prof. Dr. Nicolas Rothen, Co-Studiengangleiter Master Psychologie

- Hartmann, M., Martarelli, C. S., Reber, T. P., & Rothen, N. (2020). Does a smartphone on the desk drain our brain? No evidence of cognitive costs due to smartphone presence in a short-term and prospective memory task. *Consciousness and Cognition*, 86, 103033. <https://doi.org/10.1016/j.con-cog.2020.103033>
- Jewanski, J., Simner, J., Day, S. A., Rothen, N., & Ward, J. (2020a). The “golden age” of synesthesia inquiry in the late nineteenth century (1876–1895). *Journal of the History of the Neurosciences*, 29(2), 175–202. <https://doi.org/10.1080/0964704X.2019.1636348>
- Jewanski, J., Simner, J., Day, S. A., Rothen, N., & Ward, J. (2020b). Recognizing synesthesia on the international stage: The first scientific symposium on synesthesia (at The International Conference of Physiological Psychology, Paris, 1889). *Journal of the History of the Neurosciences*, 0(0), 1–28. <https://doi.org/10.1080/0964704X.2020.1747866>
- Jewanski, J., Simner, J., Day, S. A., Rothen, N., & Ward, J. (2020c). The evolution of the concept of synesthesia in the nineteenth century as revealed through the history of its name. *Journal of the History of the Neurosciences*, 29(3), 259–285. <https://doi.org/10.1080/0964704X.2019.1675422>
- Jost, N. S., Jossen, S. L., Rothen, N., & Martarelli, C. S. (in press). The advantage of distributed practice in a blended learning setting. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-020-10424-9>
- Kliegel, M., & Rothen, N. (2020). The End of an Era. *Swiss Journal of Psychology*, 79(3–4), 87–88. <https://doi.org/10.1024/1421-0185/a000244>
- Ovalle Fresa, R., Uslu, S. A., & Rothen, N. (in press). Levels of processing affect perceptual features in visual-associative memory. *Psychological Science*.
- Ovalle Fresa, R., Ankner, S., & Rothen, N. (in press). Enhanced perception and memory: insights from synesthesia and expertise. *Cortex*.
- Rothen, N., Berry, C. J., Seth, A. K., Oligschläger, S., & Ward, J. (2020). A single system account of enhanced recognition memory in synaesthesia. *Memory & Cognition*, 48(2), 188–199. <https://doi.org/10.3758/s13421-019-01001-8>

Assistent

M Sc Angelo Belardi

- Belardi, A., Pedrett, S., Rothen, N., & Reber, T. P. (2020, June 19). Spacing, Feedback, and Testing Boost Vocabulary Learning in a Web Application. PsyArXiv. <https://doi.org/10.31234/osf.io/yqsrx>
- Stalujanis, E., Neufeld, J., Glaus Stalder, M., Belardi, A., Tegethoff, M., Meinlschmidt, G. (in press). Induction of Efficacy Expectancies in an Ambulatory Smartphone-based Digital Placebo Mental Health Intervention: Randomized Controlled Trial. JMIR mHealth and uHealth. <https://doi.org/10.2196/20329>

Assistentin

Dr. Rebecca Ovalle

- Ovalle-Fresa, R., Uslu, S., & Rothen, N. (in press). Levels of processing affect perceptual features in visual-associative memory, Psychological Science.
- Ovalle-Fresa, R., Di Pietro, S. V., Eleonora Balbi, Reber, T., & Rothen, N. (in revision). Standardized database of 400 complex abstract fractals.
- Ovalle-Fresa, R., & Rothen, N. (under review). Enhanced perception and memory: insights from synesthesia and expertise.

Faculté de Psychologie

Professeure extraordinaire

Prof. Dr Pamela Banta Lavenex

- Bostelmann, M., Ruggeri, P. Rita Circelli, A., Costanza, F., Menghini, D., Vicari, S., Lavenex, P., Banta Lavenex, P. (2020). Path integration and cognitive mapping capacities in Down and Williams syndromes. *Frontiers in Psychology*, 11:571394. doi: 10.3389/fpsyg.2020.571394.
- Bostelmann, M., Lavenex, P., Banta Lavenex, P. (2020). Children five-to-nine years old can use path integration to build a cognitive map without vision. *Cognitive Psychology*, 121. doi.org/10.1016/j.cogpsych.2020.101307.
- Piguët, O., Chareyron, L., Banta Lavenex, P., Amaral, D., Lavenex, P. (2020). Postnatal development of the entorhinal cortex: A stereological study in macaque monkeys. *Journal of Comparative Neurology*, 528:2308-2332. doi: 10.1002/cne.24897.

International Meetings, Pamela Banta Lavenex, 2020

- FENS 2020 Virtual Forum : Federation of European Neuroscience Societies. July 11-15, 2020.

Professeure extraordinaire

Prof. Dr Géraldine Coppin, co-responsable du Master en psychologie

- Coppin, G. (2020). The COVID-19 may help enlightening how emotional food is. *Npj Science of Food*, 4, 10. doi: 10.1038/s41538-020-00071-2
- Dos Santos Mamed, M., Castellsague, M., Perrenoud, L., Coppin, G., Gastaldi, G. (2020). Diabète sucré : impact des affects sur les compétences d'auto-gestion [Diabetes mellitus: Impact of affects on self-management skills]. *Revue Médicale Suisse [Swiss medical Journal]*, 16, 1206-1209.
- Von Helversen, B., Coppin, G., & Scheibehenne, B. (2020). Money does not stink: Using unpleasant odors as stimulus material changes risky decision making. *Journal of Behavioral Decision Making*, 1- 13. doi: 10.1002/bdm.2178
- Coppin, G., & Pool, E. (in press). Affect, "wanting", and relevance: Commentary on Lutz et al. (2020). *Addictive Behaviors*.

Professeure associée avec Tenure Track Prof. ass. Gaëlle Molinari

1.1.1 Revues à comité de lecture

- Molinari, G. & Schneider, E. (2020). Soutenir les stratégies volitionnelles et améliorer l'expérience des étudiants en Formation à Distance : Quels potentiels pour le design tangible? (Supporting volitional strategies and improving the distance learning experience: What potential for tangible design?). *Distances et Médiations des Savoirs*.
- Avry, S., Chanel, G., Bétrancourt, M., & Molinari, G. (2020). Achievement appraisals, emotions and socio-cognitive processes: how they interplay in collaborative problem-solving?. *Computers in Human Behavior*, 106267. <https://doi.org/10.1016/j.chb.2020.106267>. (Impact Factor: 5.88)
- Avry, S., Molinari, G., Bétrancourt, M., & Chanel, G. (2020). Sharing emotions contributes to regulating collaborative intentions in group problem-solving. *Frontiers in Psychology*, 11, 1160. <https://www.frontiersin.org/articles/10.3389/fpsyg.2020.01160/abstract>. (Impact Factor: 2.129)
- Lavoué, E., Kazemitabar, M., Doleck, T., Lajoie, S. P., Carrillo, R., & Molinari, G. (2020). Towards emotion awareness tools to support emotion and appraisal regulation in academic contexts. *Educational Technology Research and Development*, 68(1), 269-292. <https://doi.org/10.1007/s11423-019-09688-x>. (Impact Factor: 1.79)

Actes de conférence à comité de lecture

- Nleme Ze, Y.-S. et Molinari, G. (2020). Vers une conceptualisation de l'engagement des étudiants dans les forums de discussion des MOOC : Résultats préliminaires [document accepté pour publication]. Article long paru dans Actes de la conférence PRUNE, Université de Poitiers, 22 juin. Poitiers, France.

Autres publications

- Molinari, G. (2020). INFOX#12 : Apprendre à distance, c'est moins de pression. 12 infox sur le e-learning au temps du coronavirus. Laboratoire d'Innovation Pédagogique, Université de Fribourg. <https://www.lip-unifr.ch/2020/04/07/infox12-apprendre-a-distance-cest-moins-de-pression/>

Responsabilités éditoriales

- Sander, E., Molinari, G., & Gentaz, E. (2020). Co-édition du numéro 25 "Cognition pour l'éducation : un pont tout près". *Revue Raisons Educatives*.
- Molinari, G., Lavoué, E., & Fenouillet, F. (2020). Co-édition du numéro spécial "Les technologies positives pour l'apprentissage". *Revue STICEF*.

Assistante

Dr. phil. Alodie Rey-Mermet

- Rey-Mermet, A., Singh, K. A., Gignac, G. E., Brydges, C. R., & Ecker, U. K. H. (2020). Interference control in working memory: Evidence for discriminant validity between removal and inhibition tasks. *PLOS ONE*, 15(12), e0243053. <https://doi.org/10.1371/journal.pone.0243053>

Professeure extraordinaire

Prof. Dr Andrea Samson, co-responsables du Master en psychologie

Book Editor

- Dukes, D., Samson, A. C., & E. Walle (Eds) (2021). Handbook of Emotional Development, Oxford University Press.

Manuscripts Submitted for Publication

- Di Poi, G., Dukes, D. Tran., Meuleman, B., & Samson, A. C. (2021). Comment les familles d'enfants avec besoins éducatifs particuliers ont vécu la crise de la COVID-19 : Observations préliminaires pour la Suisse. [How families with children with special educational needs experienced the Covid-19 crisis: preliminary observations for Switzerland]. *Revue suisse de pédagogie spécialisée*.
- Samson, A. C., Di Poi, G., Tran., & Dukes, D. (2021). Die Auswirkungen der COVID-19 Pandemie in der Schweiz: Erste Beobachtungen bei Familien mit Kindern sonderpädagogischem Förderbedarf [The effects of the COVID-19 pandemic in Switzerland: First observations in families with children with special educational needs]. *Schweizerische Zeitschrift für Heilpädagogik*.

Manuscripts in Peer-Reviewed Journals

- Bressoud, N., Samson, A. C., & Gay, P. (2020). Rire, c'est bon pour la santé ... et aussi pour apprendre : vers une utilisation effective des émotions agréables en contexte scolaire [Laughter is good for your health ... and also for learning: Towards an effective use of pleasant emotions in a school context]. *Educateur (L')*, NS, 26–27. <http://hdl.handle.net/20.500.12162/4119>
- Dell-Angela, L., Zaharia, A., Lobel, A., Vico Begara, O., Sander, D., & Samson, A. C. (2020). Board Games on Emotional Competences for School-Age Children. *Games for Health Journal: Research, Development, and Clinical Applications*, 9, 3, 1-10. DOI: 10.1089/g4h.2019.0050
- Samson, A. C., Van den Bedem, N. P., Dukes, D., & Rieffe, C. (2020). Positive Aspects of Emotional Competence in Preventing Internalizing Symptoms in Children with and without Developmental Language Disorder: A Longitudinal Approach. *Journal of Autism and Developmental Disorders*, 50, 1159-1171. <https://doi.org/10.1007/s10803-019-04336-y>

Book chapters

- Hempelmann, C. F. & Samson, A. C. (forthcoming). Ein Wort sagt manchmal mehr als tausend Bilder: Wie Cartoons nur unter Mühen können, was Wortwitzen oft zu leicht fällt [Sometimes a word is worth a thousand images: how cartoons have a hard time accomplishing what verbal humor often does too easily]. In T. Kindt, & S. Kaul *Medienästhetik der Komik* [Medial aesthetics of humor]. Munich: Fink.
- Rudrauf, D., Debbane, M., & Samson, A. C. (2021). Current challenges and advances in computational and artificial agent modelling for the simulation of social affective learning and regulation of motivated behaviours. In D. Dukes, A. C. Samson, & E. Walle (Eds). *Handbook of Emotional Development*, Oxford University Press.
- Zaharia, A., Dell-Angela, L., Sander, D., & Samson, A. C. (2021). The Potential of Board Games to Promote Emotional Competences. In D. Dukes, A. C. Samson, & E. Walle (Eds). *Handbook of Emotional Development*, Oxford University Press.

Non peer-reviewed

- Di Poi, G., Dukes, D. Tran., Meuleman, B., & Samson, A. C. (2021). Comment les familles d'enfants avec besoins éducatifs particuliers ont vécu la crise de la COVID-19 : Observations préliminaires pour la Suisse. [How families with children with special educational needs experienced the Covid-19 crisis: preliminary observations for Switzerland]. *Revue suisse de pédagogie spécialisée*.
- Samson, A. C., Di Poi, G., Tran., & Dukes, D. (2021). Die Auswirkungen der COVID-19 Pandemie in der Schweiz: Erste Beobachtungen bei Familien mit Kindern sonderpädagogischem Förderbedarf [The effects of the COVID-19 pandemic in Switzerland: First observations in families with children with special educational needs]. *Schweizerische Zeitschrift für Heilpädagogik*.
- Van Herwegen, J., Dukes, D., & Samson, A. (2020). COVID19 Crisis Response Survey for families of Individuals with Special Needs [Data set]. OSFHOME. Retrieved May 27, 2020, from osf.io/5nkq9
- Van Herwegen, J., Palikara, O., Riby, D., Hanley, M., Rhodes, S., Giannadou, A., Samson, A. C., & Dukes, D. (July 2020), The impact of COVID-19 on education and children's services: The impact on families of children with Special Educational Needs and Disabilities in the UK. Written evidence submitted to the UK government.

Assistente

M Sc Alexandra Zaharia,

- Zaharia, A., Dell'Angela, L., Sander, D., & Samson, A. C. (in press). The potential of board games to promote emotional competences. In D. Dukes, A. C. Samson, & E. Walle (Eds), *Handbook of emotional development* (pp. XX–XX). Oxford University Press.
- Dell'Angela, L., Zaharia, A., Lobel, A., Vico Begara, O., Sander, D., & Samson, A. C. (2020). Board games on emotional competences for school-age children. *Games for Health Journal*, 9(3), 1–10. <https://doi.org/10.1089/g4h.2019.0050>

Fakultät für Rechtswissenschaften

Assistenzprofessorin mit Tenure Track

Prof. Dr., LL.M. Cathrine Konopatsch

Kommentierungen

- Konopatsch, C. (2020): Art. 29 VstrR, in: Frank, F./Eicker, A./Markwalder, N./Achermann, J. (Hrsg.), *Basler Kommentar Verwaltungsstrafrecht*, Basel Helbing Lichtenhahn Verlag 2020 (zusammen mit S. Ehmann)
- Konopatsch, C. (2020): Art. 28-33 StGB, in: Graf, D. (Hrsg.), *StGB – Annotierter Kommentar*, Bern Stämpfli Verlag 2020 (zusammen mit P. Uhrmeister)
- Konopatsch, C. (2020): Art. 69-73 StGB, in: Graf, D. (Hrsg.), *StGB – Annotierter Kommentar*, Bern Stämpfli Verlag 2020
- Konopatsch, C. (2020): Art. 160, 162, 172ter StGB, in: Graf, D. (Hrsg.), *StGB – Annotierter Kommentar*, Bern Stämpfli Verlag 2020 (zusammen mit S. Ehmann)

Beiträge in Sammelbänden

- Konopatsch, C. (2020): Crime must not pay – das gilt auch für Unternehmen!: Eine Standortbestimmung und kritische Würdigung der Vermögensabschöpfung gegenüber Unternehmen im Schweizer und deutschen Unternehmensverantwortlichkeitsrecht, in: Lehmkuhl, M.J./Wohlers, W. (Hrsg.), *Unternehmensstrafrecht materiellrechtliche und prozessuale Aspekte*, Basel/Baden-Baden Helbing Lichtenhahn Verlag, Nomos Verlag 2020, S. 179-218
- Konopatsch, C. (2020): Whistleblowing – Jüngste Entwicklungen in Österreich, in: Lehmkuhl, M.J./Meyer, F. (Hrsg.), *Das Unternehmen im Brennpunkt nationaler und internationaler Strafverfahren*, Baden-Baden/Zürich/Wien Nomos, Dike, Manz 2020, S. 153-184

Assistentin
M Law Ehmman Susanne

Kommentierungen

- Kommentierung des Art. 29 VStrR (Ausstand), in: Markwalder/Frank/Eicker/Achermann (Hrsg.), Basler Kommentar zum Verwaltungsstrafrecht (VStrR), Basel 2020 (gemeinsam mit Cathrine Konopatsch)
- Kommentierung der Art. 160 (Hehlerei), 162 (Verletzung des Fabrikations- oder Geschäftsgeheimnisses) und 172ter StGB (geringfügige Vermögensdelikte), in Damian Graf (Hrsg.), Annotierter Kommentar StGB, Bern 2020 (gemeinsam mit Cathrine Konopatsch)