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Short CV:

2014-2018, Bachelor in Physics, Heidelberg University (Germany)

2018-2021, Masters in Physics, Heidelberg University (Germany)

2021-2021. Research intern at Xilinx Research Labs Dublin, now AMD RADICAL (Ireland)

Since 2022, PhD candidate in Computer Engineering, Heidelberg University (Germany)

Selected Publications:

1. Borrás, H., Klein, B., & Fröning, H. (2022). Walking Noise: Understanding Implications of Noisy Computations on Classification Tasks. 5th Workshop on Accelerated Machine Learning (AccML) at HiPEAC 2023 Conference, Jan 2023. *arXiv preprint arXiv:2212.10430*
2. Kern E., Borrás H., Klein B., Fröning H. (2023). Optimizing for Imperfections in Analog Neural Computations on BrainScaleS-2. Fast Machine Learning for Science Workshop 2023, Sep. 2023. <https://indi.to/f2xXG>
3. Pappalardo, A., Umuroglu, Y., Blott, M., Mitrevski, J., Hawks, B., Tran, N., Borrás H. ... & Duarte, J. (2022). Qonnx: Representing arbitrary-precision quantized neural networks. 4th Workshop on Accelerated Machine Learning (AccML) at HiPEAC 2023 Conference, Jan 2023. *arXiv preprint arXiv:2206.07527*.