

## List of publications

- [Furtado] H. Furtado, J. Schrader, A. Marchioro and P. Moreira, “Delay 25 an ASIC for timing adjustment in LHC,” *11th Workshop on Electronics for LHC and future Experiments*, Heidelberg, Sep. 2005. (Available at <http://lhc-workshop-2005.web.cern.ch/lhc-workshop-2005/ParallelSessionsA/24-HugoFurtado.pdf>.)
- [Schrader-1] J.H.R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “Data communication in read-out systems: how fast can we go over copper wires?,” *Nuclear Instruments and Methods in Physics Research Section A*, vol. 531, no. 1-2, pp. 221-227, Sep. 2004.
- [Schrader-2] J.H.R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “Jitter Limitations on a Gigabit Copper Multi-Carrier System,” in *Proc. 12th ProRISC workshop on Circuits, Systems and Signal Processing*, Nov. 2004, pp. 594-598.
- [Schrader-3] J.H.R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “Jitter limitations on multicarrier modulation,” in *Int. Symp. Circuits and Systems*, Jun. 2005, pp. 6090-6093.
- [Schrader-4] J.H.R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “CMOS transmitter using pulse-width modulation pre-emphasis achieving 33 dB loss compensation at 5-Gb/s,” in *Symp. VLSI Circuits Dig. Tech. Papers*, Jun. 2005, pp. 388–391.
- [Schrader-5] J.H.R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “Equalization of Skin Effect Loss Dominated Channels using Pulse-Width Modulation Pre-Emphasis,” in *Proc. 12th ProRISC workshop on Circuits, Systems and Signal Processing*, Nov. 2005, pp. 284-288.
- [Schrader-6] J.-R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “Pulse-Width Modulation Pre-Emphasis Applied in a Wireline Transmitter, Achieving 33 dB Loss Compensation at 5-Gb/s in 0.13- $\mu\text{m}$  CMOS,” *IEEE J. Solid-State Circuits*, vol. 41, no. 4, pp. 990–999, Apr. 2006.
- [Schrader-7] J.H.R. Schrader, E.A.M. Klumperink, J.L. Visschers and B. Nauta, “Wireline equalization using pulse-width modulation,” in *Proc. IEEE Custom Integrated Circuits Conf. (CICC)*, Sep. 2006, pp. 591-598.

