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- [2.77.] C. Cole, "Optical PMD Overview," 40/100GbE Tutorial, Ethernet Technology Summit, T1A, San Jose, CA, 24 February 2010.
- [2.78.] C. Cole, "Optical Transceivers for 100G," F3-4, Transceiver Circuits for Optical Communications Forum, 2010 International Solid-State Circuits Conference (ISSCC), San Francisco, CA, 11 February 2010.
- [2.79.] C. Cole, "100Gb/s Clients," 100 Gb/s - How, Where, When Workshop, WS5, ECOC 2009, Vienna, Austria, 20 September 2009.
- [2.80.] C. Cole, "400Gb/s Ethernet," Technology Exploration Forum, Ethernet Alliance, Santa Clara, CA, 15 September 2009.
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- [2.82.] C. Cole, "Parallel Optics for Ethernet Access and Metro Aggregation Networks," 100 Gigabit Ethernet for Carrier-Class Transport Networks Workshop, WS1, ECOC 2007, Berlin, Germany, 16 September 2007.

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- [3.2.] M. Birk, et al., "First 400GBASE-LR8 interoperability using CFP8 modules," Th5B.7, OFC 2017, Los Angeles, CA, 23 March 2017.
- [3.3.] S.M.R. Motaghiannezam, et al., "Single Chip 52 Gb/s PAM4 Transmission through -58 and +10 ps/nm Chromatic Dispersion using Directly Modulated Laser," Th2A.59, OFC 2016, Anaheim, CA, 24 March 2016.
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4. University Lectures, Fiber Optic Communication, Invited

- [4.1.] C. Cole, "The Perils of Conventional Thinking," Emergent Science and Technologies Seminar Series, Department of Electrical & Computer Engineering, University of California Davis, Davis, CA, 11 October 2019.
- [4.2.] C. Cole, "The Perils of Conventional Thinking," The Industry Perspective Lecture Series, UCSB Photonics Society, University of California, Santa Barbara, CA, 9 May 2019.
- [4.3.] C. Cole, "Current and Next Generation Datacom Optics," Industrial Technology Research Institute & National Chiao-Tung University, Hsin-Chu, Taiwan, 28 October 2016.
- [4.4.] C. Cole, "Datacom Optics," Electrical and Computer Engineering Seminar, University of California San Diego, La Jolla, CA, 22 April 2015.
- [4.5.] C. Cole, "Evolution of Data Center Optics," Department of Telecommunications Lecture, AGH University of Science and Technology, Krakow, Poland, 20 September 2013.
- [4.6.] C. Cole, "Evolution of Optical Interfaces for Data Centers," Annual Symposium, Stanford Photonics Research Center, Stanford University, Stanford, CA, 17 September 2013.
- [4.7.] C. Cole, "Fiber Optic Communication in Practice," Research Experience for Undergraduates Seminar, Electrical Engineering, Stanford University, Stanford, CA, 25 June 2013.
- [4.8.] C. Cole, "Fiber Optic Communication Future Data Rate Technologies," Electrical and Computer Engineering Seminar, University of California, Santa Barbara, CA, 26 October 2012.
- [4.9.] C. Cole, "Fiber Optic Communication in Practice," RAD Seminar, Stanford University, Stanford, CA, 4 October 2012.
- [4.10.] C. Cole, "Capacity and Power Efficiency Increases in Fiber Optic Communications," The Institute for Energy Efficiency Lecture, University of California, Santa Barbara, CA, 11 February 2011.
- [4.11.] C. Cole, "Fiber-Optic Communications," Institute of Microelectronic Lecture, A-STAR, Singapore, 7 May 2010.

[4.12.] C. Cole, "Technology Directions in Fiber-Optic Communication," Electrical Engineering Department Lecture, National Taiwan University, Taipei, Taiwan, 12 September 2008.

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5. Contributions, IEEE 802.3, Next Gen Ethernet

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[5.8.] C. Cole, "Select SMF & Link Specifications Review," IEEE 802.3 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength Task Force, cole_3cu_02a_1119, Kona, Hawaii, 11 November 2019.

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[5.10.] C. Cole, "400GBASE-ER8, 200GBASE-ER4, 50GBASE-ER1 Specifications Proposal," P802.3cn 50 Gb/s, 200 Gb/s, and 400 Gb/s over greater than 10 km of SMF Task Force, cole_3cn_01a_190924, Interim Teleconference, 24 September 2019.

[5.11.] C. Cole, "400GBASE-LR4 Link Budget Proposal," IEEE 802.3 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength Task Force, cole_3cu_01b_0919, Indianapolis, IN, 9 September 2019.

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