

Faculty Profiles

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Z. Zhang, S. I. El-Henawy, A. Sadun, R. Miller, L. Daniel, J. K. White, and D. S. Boning, "Enabling Wavelength-Dependent Adjoint-Based Methods for Process Variation Sensitivity Analysis in Silicon Photonics," *J. of Lightwave Technology*, vol. 39, no. 6, pp. 1762-1769, Mar. 2021.

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RECENT PUBLICATIONS

J. Notaros, M. Notaros, M. Raval, C. V. Poulton, M. J. Byrd, N. Li, Z. Su, E. S. Magden, E. Timurdogan, T. Dyer, C. Baiocco, T. Kim, P. Bhargava, V. Stojanovic, and M. R. Watts, "Integrated Optical Phased Arrays for LiDAR, Augmented Reality, and Beyond," in *Proceedings of Applied Industrial Optics (AIO)* (OSA, 2021). (Invited Talk)

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SELECTED PUBLICATIONS

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SELECTED PUBLICATIONS

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SELECTED PUBLICATIONS

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V. Sze, Y.-H. Chen, T.-J. Yang, and J. S. Emer, "Efficient Processing of Deep Neural Networks," *Synthesis Lectures on Computer Architecture - Morgan & Claypool Publishers*, 2020.

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