

PUBLICATIONS

[†]corresponding author

- [1] Daoming Dong, **Youchao Wang**[†], and Timothy D. Wilkinson. “Real-time parallel holographic foveated rendering for head-up displays”. In: *In submission* (2020).
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- [3] Andrew Kadis, **Youchao Wang**, Daoming Dong, Peter J. Christopher, Ralf Mouthaan, and Timothy D. Wilkinson. “HoloBlade: An Open-Hardware Spatial Light Modulator Driver Platform for Holographic Displays”. In: *To appear in Applied Optics* (2020).
- [4] Andrew Kadis, Ralf Mouthaan, Peter J. Christopher, Daoming Dong, **Youchao Wang**, and Timothy D. Wilkinson. “Aberration Correction of a Ball-lens Holographic Projector using a Retroreflector Array”. In: *In submission* (2020).
- [5] Vasileios Tsoutsouras, Sam Willis, **Youchao Wang**, and Phillip Stanley-Marbell. “Deriving Equations from Sensor Data Using Dimensional Function Synthesis”. In: *To appear in Communications of the ACM* (2020).
- [6] **Youchao Wang**[†] and Timothy D. Wilkinson. “OASys: Envisioning an Opto-electronic Accelerator for Deep Learning Applications”. In: *Frontiers in Optics / Laser Science*. Optical Society of America, 2020, FM7D.1. URL: <http://www.osapublishing.org/abstract.cfm?URI=FiO-2020-FM7D.1>.
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- [12] **Youchao Wang**, Daoming Dong, Andrew Kadis, Peter J. Christopher, and Timothy D. Wilkinson. “Computer-Generated Holography Using a Digital Signal Processor”. In: *2019 IEEE Global Conference on Signal and Information Processing (GlobalSIP)*. Nov. 2019, pp. 1–5.
- [13] Daoming Dong, **Youchao Wang**, Peter J. Christopher, Andrew Kadis, and Timothy D. Wilkinson. “Fixed-point accuracy analysis of 2D FFT for the creation of computer generated holograms”. In: *2019 IEEE Global Conference on Signal and Information Processing (GlobalSIP)*. 2019, pp. 1–5.
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