

## AO Kit with miscellaneous phase modulators

### **“Analysis of tip-tilt compensation for reflective free-space optical satellite communication”**

*Andreas Sinn, Thomas Riel, Peter Kreamsner, Georg Schitter*

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### **“Active control of laser wavefronts in atom interferometers”**

*A. Trimeche, M. Langlois, S. Merlet and F. Pereira Dos Santos*

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### **“Compensation of a distorted N-fold orbital angular momentum multicasting link using adaptive optics”**

*S. Li and J. Wang*

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### **“Pulse front adaptive optics: a new method for control of ultrashort laser pulses”**

*B. Sun, P. S. Salter and M. J. Booth*

Opt. Express 23(15),19348-57 (2015)

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### **“Adaptive optics compensation of multiple orbital angular momentum beams propagating through emulated atmospheric turbulence”**

*Y. Ren, G. Xie, H. Huang, C. Bao, Y. Yan, N. Ahmed, M. Lavery, B. Erkmen, S. Dolinar, M. Tur, M. Neifeld, M. Padgett, R. Boyd, J. Shapiro and A. Willner*

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### **“Single-atom trapping in holographic 2D arrays of microtraps with arbitrary geometries”**

*F. Nogrette, H. Labuhn, S. Ravets, D. Barredo, L. Béguin, A. Vernier, T. Lahaye and A. Browaeys*

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**“Adaptive optics in an optical trapping system for enhanced lateral trap stiffness at depth”**

*M. C. Mullenbroich, N. McAlinden and A. J. Wright*

J. Opt. 15, 075305 (2013)

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**“Independent control of beam astigmatism and ellipticity using a SLM for fs-laser waveguide writing”**

*R. de la Cruz, A. Ferrer, W. Gawelda, D. Puerto, M. Galván Sosa, J. Siegel and J. Solis*

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**“Correction of aberration in holographic optical tweezers using a Shack-Hartmann sensor”**

*C. López-Quesada, J. Andilla and E. Martín-Badosa*

Appl. Opt. 48, 1084-1090 (2009)

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**“Off-axis aberration correction for a wide field scanning telescope”**

*C. Scott, B. Potsaid and J.T. Wen*

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**“Compact active high-resolution imaging system”**

*I. Buske and W. Riede*

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**“Characterization of MEMs mirrors for use in atmospheric and ocular wavefront correction”**

*N. Devaney, D. Coburn, C. Coleman, J. C. Dainty, E. Dalimier, T. Farrell, D. Lara, D. Mackey and R. Mackey*

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*Liquide Crystals* 34, 1227-1232 (2007)

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