Laboratory for Adaptive Optics

Documents Archive

LAO Authors

- Brian Bauman, "Optical design for extremely large telescope adaptive optics systems", PhD thesis, U. Arizona.
- Don Gavel, "Tomography for Multiconjugate Adaptive Optics Systems Using Laser Guide Stars" SPIE 2004.
- Don Gavel, "Polarization Quadrature Interferometer," LAO Memo, June-August, 2004.
- Don Gavel, "Open Loop Modeling of MEMS Deformable Mirrors," LAO Memo, March, 2006
- Lisa Poyneer, Don Gavel, and Jim Brase, "Fast wave-front reconstruction in large adaptive optics systems with use of the Fourier transform"JOSA-A, Oct. 2002.
- Lisa Poyneer and Bruce Macintosh, "Spatially filtered wave-front sensor for high-order adaptive optics," JOSA-A, May, 2004.
- Zhenrong Wang, "Characterization of Programmable Phase Modulator with Polarization Quadrature Interferometer", master's thesis, UC Santa Cruz.

Software

- From the CfAO Summer School Computer Lab (IDL routines) ComputerLab.zip

---

Non LAO Authors (outside links)

- Brent Ellerbroek, 2002 JOSA-A article
- Per Knutsson, "The Lund Dual-Conjugate Adaptive Optics Demonstrator" Master of Science thesis, Luleaa University of Technology and Lund Observatory, March 2003
- CfAO MEMS workshop - Aug 2004

Local Access Links

- LAO internal documents, software, and data repository (new system) (local access only)
- Software and data files (old link) (local access only)

Back to LAO main web page