

The Beams and Applications Seminar Series

Advanced Laser Development at Aculight

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Aculight Corporation**

Bldg. 401, Rm. B4100

Thursday, February 28, 3:30 pm

(please note special day, time and room)

Host: Sandra Biedron, AST

Fiber lasers have transitioned over the last 5 years from low power sources with utility in telecommunications, to high average and peak power devices that can be used in a range of applications ranging from material processing to 3-d imaging to directed energy. The high efficiency, small footprint, excellent intrinsic beam quality, and high reliability due to all-fiber architectures, make fiber lasers an enabling technology for a range of applications. This talk will cover some of the recent advances in fiber laser development at Aculight and will include high average and high peak power generation at both 1 micron and 1.5 micron wavelength ranges, as well as the nonlinear frequency conversion of these devices to alternative wavelengths.

For more information visit

http://aps.anl.gov/News/Meetings/Beams_and_Applications_Seminars/

Visitors from off-site please contact Carmen Nolasco
(mnolasco@aps.anl.gov, 630-252-6159) to arrange for a gate pass.