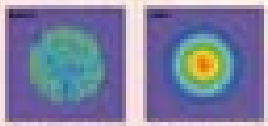
Fiber Laser Grand Challenge (FLGC)

Sandia National Laboratories

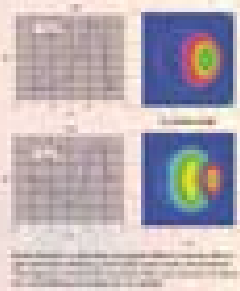
PI: Jeff Kuplow PM: Wen Hsu



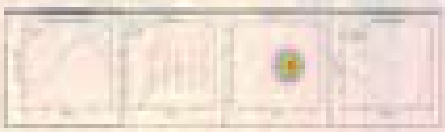
Primary objectives of Sandia's Fiber Laser Grand Challenge

1. [illegible]
2. [illegible]
3. development of [illegible]
4. [illegible]

Key results from Fiber Laser Grand Challenge modeling program

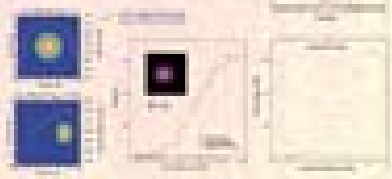


Fiber laser modeling software developed under FLGC



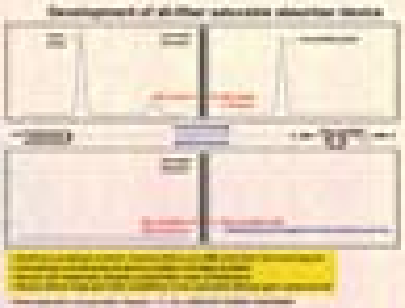
FLGC invention literature on optical damage in fused silica

Key results: power scaling experiments



Key FLGC advance: thorough characterization of thin-rod cooling problem

Development of all-fiber saturable absorber device



Development of [illegible] scalable beam combining technique

[illegible]

[illegible]

[illegible]

NNSA

Sandia National Laboratories