

Abstract Submitted  
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**Spatial forcing in Thermal Convection Experiments** STEPHAN WEISS, GABRIEL SEIDEN, EBERHARD BODENSCHATZ, MPI for Dynamics and Self-Organization — We present experimental results on topological and optical forcing of large aspect ratio Rayleigh-Benard and inclined layer convection of a fluid with Prandtl number 1. For three different forcing patterns (homogeneous internal heating, striped and hexagonal) the observed flow patterns are presented and compared to theory where available.

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