

ASTROPHYSICS IN THE LABORATORY WITH EXTREME LIGHT

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This paper offers a few glimpses of recent experimental efforts to create temperatures and pressures similar to those in the stellar environment, in a laboratory on the earth. Creation and study of such 'extreme' states is throwing up possibilities for mimicking astrophysical conditions in a small laboratory that houses femtosecond, high power (yet compact) lasers. A few examples are offered to illustrate this research.
