

Abstract Submitted
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Angular momentum transport at early times¹ ELLEN ZWEIBEL²,
University of Wisconsin, Madison — It is well known that angular momentum must be efficiently removed from interstellar clouds as they contract and eventually collapse to form stars. At the present epoch, angular momentum is transported primarily by magnetic fields. At the time the first stars formed, galactic magnetic fields were probably either absent or were much weaker than they are now. I will discuss the growth of magnetic fields in star forming regions and their role in angular momentum transport under primordial conditions.

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