

FUNNELS AND THE ORIGIN OF THE SOLAR WIND

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A short overview of the solar atmosphere will be given as an introduction. It will be followed by a presentation of the magnetic field topology, both open and closed structures, as derived from observations. An analysis of the solar wind energy budget, i.e. energy losses and energy input necessary to drive a solar wind, will be given. The focus will be on regions on the sun that are known to produce solar wind. Current views on the role that funnel type magnetic flux tubes might play in the origin of the solar wind will be presented and discussed. Results from theoretical models will be compared to each other and to observations.

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