

PARTICLE ENERGIZATION IN SOLAR FLARES: RECONNECTION AND COLLAPSING TRAPS

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We try to review the recent views and results concerning the processes of flare energization in reconnecting current layers and collapsing magnetic traps. As we believe, the findings from Yohkoh and RHESSI strongly supported the theory of magnetic reconnection and collapsing trap acceleration in application to solar flares. We confront these models with new observational results and discuss the possibilities to observe the collapsing traps in flares.