





1	. Electromagnet	tic radiation fro	om flares	
rediction a	courracy:			
	Timing on tim Location often Magnitude potent	e scales of days foreseeable ial range, for experts	poor good fairly good	
	 Significance wider * Fundamental resear mechanism, source * High time resolutio * Search for _dormai 	ange, -ch for understanding b and amount of energy to n optical observations o at valuences by MD1 typ	Fairly good asic release b be released, fflare onset, e measurements	
	and modelling.	100	2 3	ł
es.	1.03×	Stand.		
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3.	Low to medium-energy particles, plasma clouds
	Conclusions from recent studies of CME/LCME correlations
	conclusions from recent studies of CME/ICME correlations
	A good correlation between v_{exp} and the travel time to 1 AU was found from 102 events observed from 1997 to 2001.
	Measuring v_{exp} for halo CMEs allows to predict that travel time to 1 AU. $T_{tr} = 206.6 - 21.36 * ln (v_{exp}) [hours].$
	There is still substantial uncertainty, indicating that processes occurring during the "trip" of theCMEs from the sun to 1 AU may play an important role.
	7 out of 181 full front side halo CMEs never reach the earth-
	3.9% false alarms.
	6 out of 145 transient shocks were not related to anyCME -
	4.1 % shock predictions missed!
	1 out of 30 intense storms and 4 out of 78 moderate storms were not related to any CME -
	6 % storm prediction missed!
	All very intense storms (D_{st} < -200 nT) were related to halo CMEs.





























