



# Accelerator constraints

DarkSUSY 4.2  
(pre-release, trunk @ rev 231)

DarkSUSY day, Stockholm, June 16, 2008



# General checks

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- Accelerator constraints are most easily checked with a call to  
  
call dsacbnd(excl)
- excl is non-zero if excluded and the set bits of excl tells why it is excluded.
- For backwards-compatibility, we keep old versions of the accelerator constraints as well, but dsacbnd always points to the latest set of constraints.





# Meaning of excl

From header of dsacbnd7.f:

c	bit set	dec.	oct.	reason
c	-----	-----	-----	-----
c	0	1	1	chargino mass
c	1	2	2	gluino mass
c	2	4	4	squark mass
c	3	8	10	slepton mass
c	4	16	20	invisible z width
c	5	32	40	higgs mass
c	6	64	100	neutralino mass
c	7	128	200	b -> s gamma
c	8	256	400	rho parameter

[Go through dsacbnd7.f]