- Discovery of strongly produced SUSY:
 - o Is there any topology that is out of radar?
- Interpretation of searches in simplified models:
 - Is there any simplified model interpretation which should be performed and which is not done yet by any of the collaborations?
- Interpretation in real models:
 - Is the run 1 approach (do simplified models, then do pMSSM scan) satisfactory for the community?
 - Are "simplified pMSSM models" interpretation giving useful information?

Signatures considered so far (RPC SUSY strong production)

- RPC signatures:
 - Gluino pair production:
 - Direct (g->qq N_1), one step (g->qq C_1 ->qq WN_1), two step (g->qq N_2 ->qqZ/h C_1 ->qqZ/h W N_1) Similar for squark pair production
 - \blacksquare g->ttN₁, g->bbN₁, g->tbN₁
 - GMSB-like: g->qq gam G
 - Stop pair production (similar for sbottom)
 - \blacksquare st->t(*)N₁, st->bC₁, st->tZ/hN₁, st->cN₁, st -> b tau nu G

Signatures considered so far (RPV)

- λ" decay of neutralino (in gluino decay chain), stop (pair production and in gluino cascade), gluino
 - 0 and 1-lepton topologies
- λ' decay of neutralino in strong production cascade, stop in stop pair production.
- λ decay of neutralino (in gluino cascade or in EW production), slepton.

Channels

- Multijet+MET
 - 0-lepton or 1-lepton (e/μ/tau), 2-lepton (same-sign, opposite-sign on/off Z)
 - 1 soft lepton, 2 soft leptons
 - o 1 photon
 - with/without b-tags, with/without top-tags
 - with H(bb) using bb mass
- Multijet (RPV)
 - 0-lepton multijet using sum of large-R jet masses
 - 0-lepton boosted jet pairs with substructure, or resolved jets in pairs
 - Multileptons
 - Same-sign 2-leptons (CMS for smuon, ATLAS for squark/gluino pairs)
 - 1-lepton, resolved (b-)jets
 - L-b pairs