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SUSY 1

Wednesday 16 April 2025 17:00 (1h 30m)

- General introduction SUSY
- Description of the soft SUSY lagrangian
- Phenomenological introduction to SUSY particles I: Squarks, gluino, sleptons, charginos, neutralinos, higgs
- Phenomenological introduction to SUSY particles II: Squarks, gluino, sleptons, charginos, neutralinos, higgs
- Searches of SUSY particles at past accelerators & LHC I

Recommended reading:

1/ "SuSY and such", S. Dawson, arxiv:hep-ph/9612229

2/ "A Supersymmetry primer", S. P. Martin, arxiv:hep-ph/9709356

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