# Summary/ Conclusions

Regarding pp, CC, SiSi and PbPb collisions at 158 AGeV:

- strangeness enhancement with respect to pp collisions is observed already in small systems
- simulations and data indicate that rescattering plays a minor role in the small systems
  → primary NN collisions responsible for strangeness enhancement
- obtained scaling parameters suggest an essential role of multiple collisions, i.e. the fact that nucleons collide more than once, and the collision density
  → system size and geometry dependence can be consistently explained by the assumption that energy density and/or string overlap are responsible for strangeness enhancement

Aside:

- Is the energy dependence of strangeness enhancement compatible with these ideas?
- Enhanced string tension or rope formation as implemented in UrQMD and RQMD allow the models to describe strangeness enhancement in central PbPb collisions at 158 AGeV
- bridge to macroscopic models?:
  volume with high energy density/ string overlap ↔ volume in thermal models?