Conclusion

In the future, the UHECR puzzle will be (partly?) unravelled

The "conventional" outcome:

- 10^8xLHC energy beams
- Peta-gauss magnetic fields
- Superheavy ($10^8 M_{sun}$) black-holes
- SUN-SUN annihilation energies released in seconds

…

The "exotic" outcome:

- Phase transitions in the early universe
- Direct signature from GU epoch
- Topological defects (cosmic strings, necklaces, monopoles, vortons…)
- SuSy particles
- Graviton exchanging neutrino interactions

…

Young people : good luck and have fun!