## 8th International Conference on New Frontiers in Physics (ICNFP 2019)



Contribution ID: 9

Type: not specified

## Hagedorn-like phase transitions at high supersymmetry breaking scale

Wednesday 28 August 2019 13:00 (30 minutes)

Phase transitions can occur in string theory, when the scale of spontaneous breaking of supersymmetry is of the order of the string scale. We describe these instabilities at the level of the effective supergravity at low energy. In this framework, infinitely many scalars that can become tachyonic are taken into account. They play the role of order parameters whose condensations yield various phases, with drastically different properties.

Primary author: PARTOUCHE, Herve

Presenter: PARTOUCHE, Herve

**Session Classification:** Workshop on New physics paradigms after Higgs and gravitational wave discoveries