

**HEP@VUB meeting: 12:30 -
13:30**

Report of Contributions

Contribution ID: 1

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Fuzzballs and Observations

Thursday, 22 October 2020 12:30 (30 minutes)

The advent of gravitational waves and black hole imaging has opened a new window into probing the horizon scale of black holes. An important question is whether string theory results for black holes can predict interesting and observable features that current and future experiments can probe. I will give a brief overview of the exciting research being done on understanding the possibilities of observing signals from fuzzballs and in particular microstate geometries, where black holes are replaced by solutions in supergravity that carry horizon-scale microstructure.