



UNIWERSYTET SZCZECIŃSKI
INSTYTUT FIZYKI

Środowe seminarium w Instytucie Fizyki

May 18th – 12:00

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“What could a pair of universes tell us about the multiverse?”

Third Quantization of Canonical Quantum Gravity is the picture to build a quantum field theory of universes on an interacting level-III multiverse. We focus our attention on a pair of universes created as in analogy with pair production in QED and the entanglement between them. Such interaction modifies the dynamics of each universe and allows us to check the existence of a hypothetical lost twin of our universe by looking at the CMB spectrum.