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BIOGRAPHY (maximum 800 characters including spaces):

I am a physicist/mathematician working primarily on high energy theory, superstring theory, and mathematical physics. I have been working on broadly in theoretical physics, sometimes at the interface with condensed matter theory, cosmology, mathematics, particle phenomenology, quantum information, and statistical mechanics.

I am a professor of Physics at Graduate School of Physics, as well as a project professor at Kavli IPMU, both located at the University of Tokyo.

ABSTRACT

1. Title: Curved Spaces for Flatlanders

2. Abstract (maximum 1500 characters including spaces):

I will discuss some examples where the concept of curved spaces, and relatedly coupling to classical/quantum gravity, turns out to be useful even for those interested in the physics of flat spacetime.