941-57-229   **Kevin P. Scannell** (`scannell@slu.edu`), Saint Louis University, Saint Louis, MO, 63103. *Deformation problems in hyperbolic and Lorentzian geometry.*

We present new results concerning the moduli space of constant curvature Lorentzian metrics on $M^n \times \mathbb{R}$, where M^n is a closed hyperbolic manifold and $n = 2$ or 3. This continues a program initiated in a 1990 preprint of G. Mess.