Poisson boundary of a relativistic diffusion
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The objective of this talk is to answer the question: how does an object moving randomly in spacetime, at a speed stricly less than the speed of light, asymptotically behaves? After specifying the model, I will describe this asymptotic behaviour in probabilistic and analytic terms, before giving a more geometric meaning to the result. In a sense, a typical path eventually behaves as a light ray.