## **Efficient Emitter Sampling for Spectral Path Tracing**

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INTRODUCTION



Next event estimation used to sample the hemisphere separately for direct (yellow) and indirect illumination (blue)

## Sampling Paths with High Throughput :



A light ray intersects a dispersive medium at point G where a secondary ray is shot to either of the emitters (NEE). We propose that the probability of sampling an emitter should be proportional to its emission value at wavelength  $\lambda_i$ .



