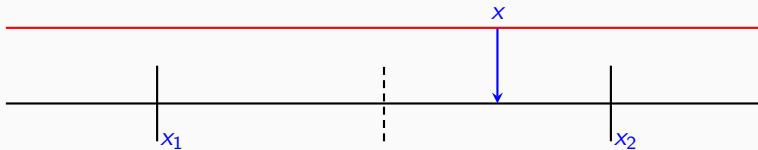

EE/GW meeting, November 11, 2023

- Problem = overly narrow, biased posteriors

A match made in heaven: reduced precision + stochastic rounding



- Usual way: Round-to-nearest
- Alternatively: Round **stochastically**

Why bother? $\rightarrow \mathbb{E}(\mathcal{R}(x)) = x$

arxiv.org/abs/2207.14598