System Level

Determine each 1 ms:
- \( H(f) \)
- User position
- Shadowing
- Interference
- Noise

Random generator

Link Level

\( \text{SINR of each RB} \) → Mapping Function → \( \text{SINR}_{\text{eff}} \) → \( \text{BLER}_{\text{AWGN}} \) (MCS, SINR_{eff})

BLER

Application Level

IP multicast

RLC

RLC-PDUloss-trace