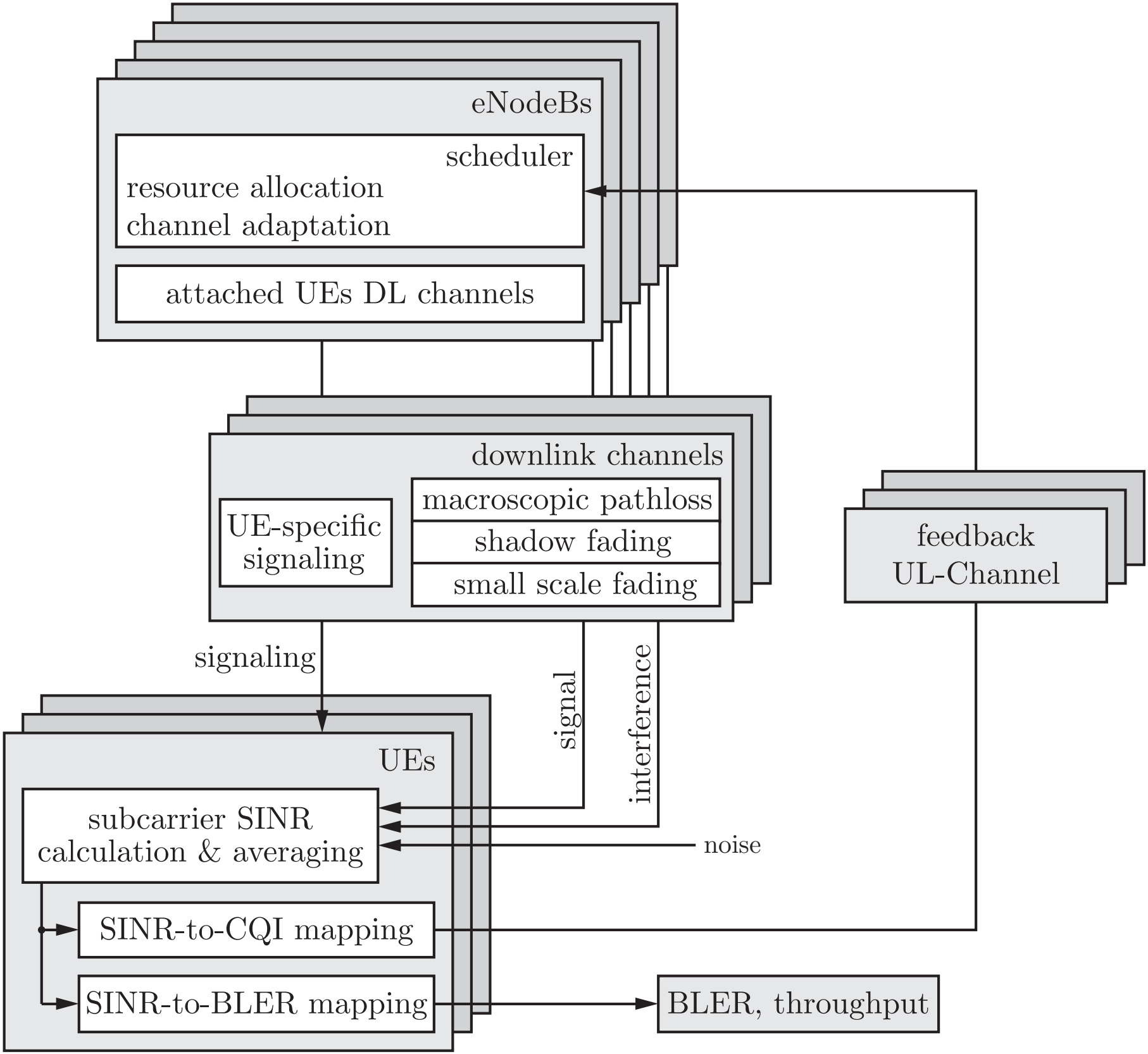
eNodeBs
scheduler
resource allocation
channel adaptation
attached UEs DL channels
downlink channels
UE-specific signaling
macroscopic pathloss
shadow fading
small scale fading
feedback UL-Channel
signaling
signal
interference
UEs
subcarrier SINR calculation & averaging
noise
SINR-to-CQI mapping
SINR-to-BLER mapping
BLER, throughput