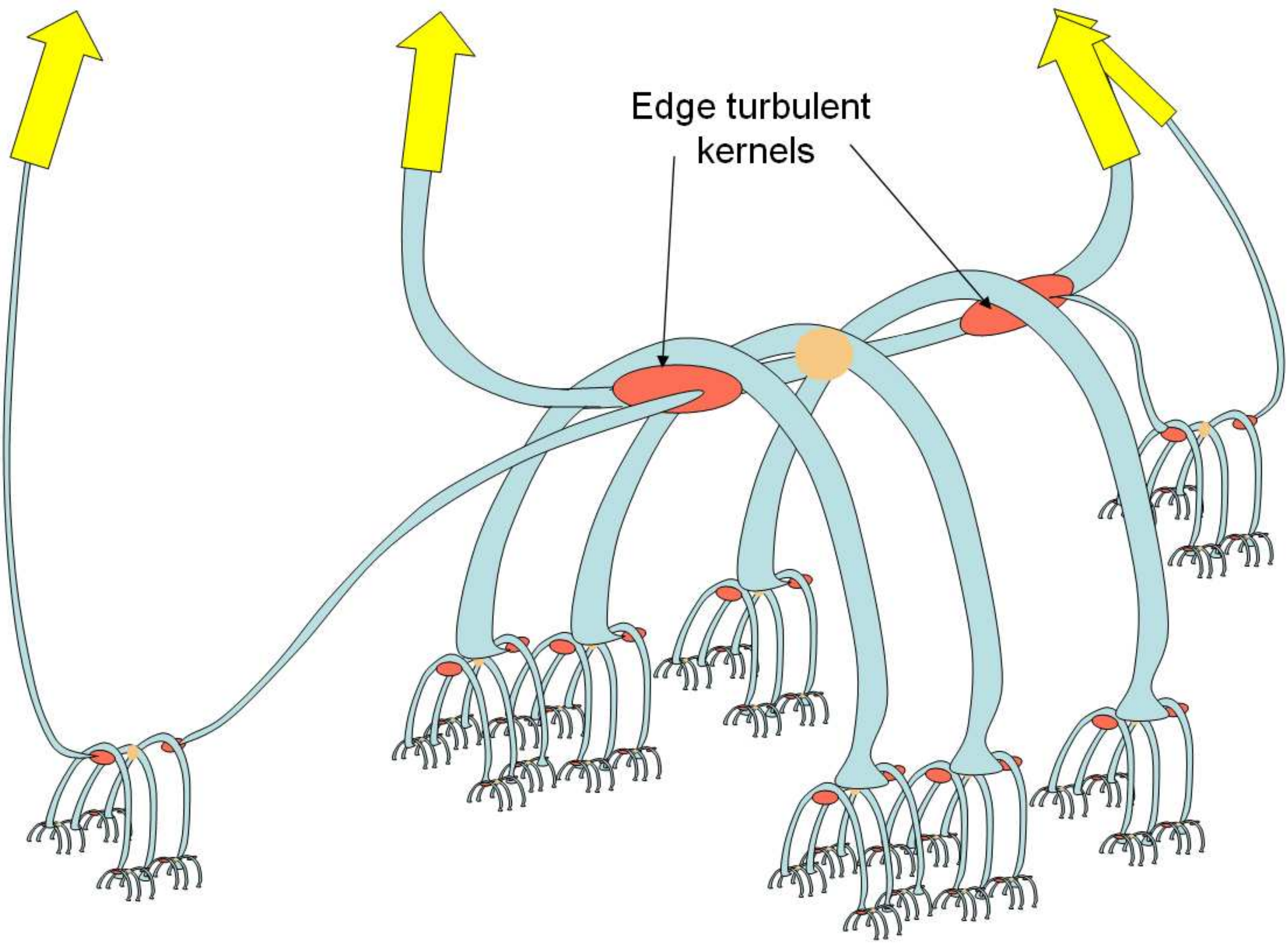
Edge turbulent
kernels