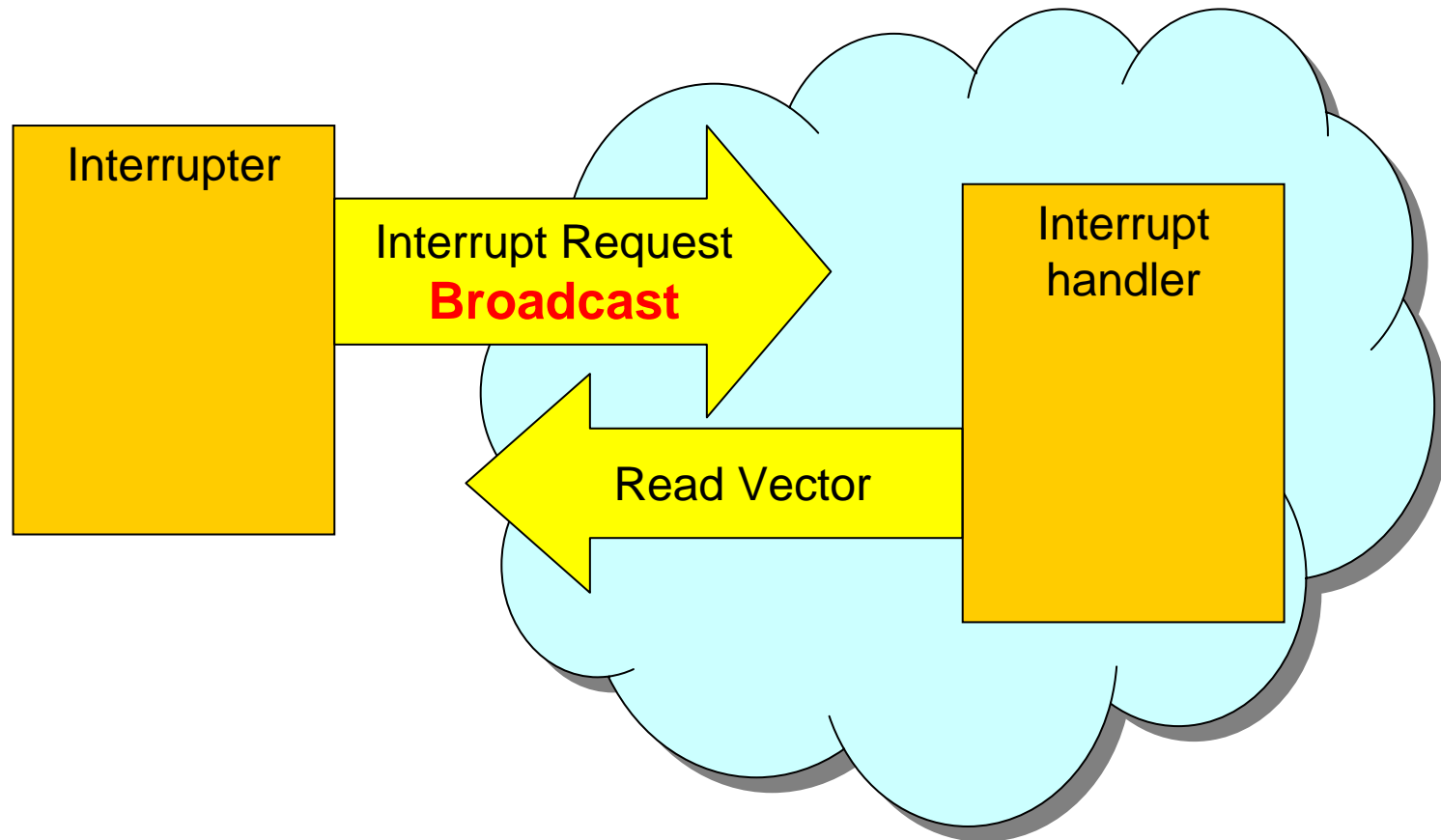


# Task synchronization over SpW

Osaka U./JAXA

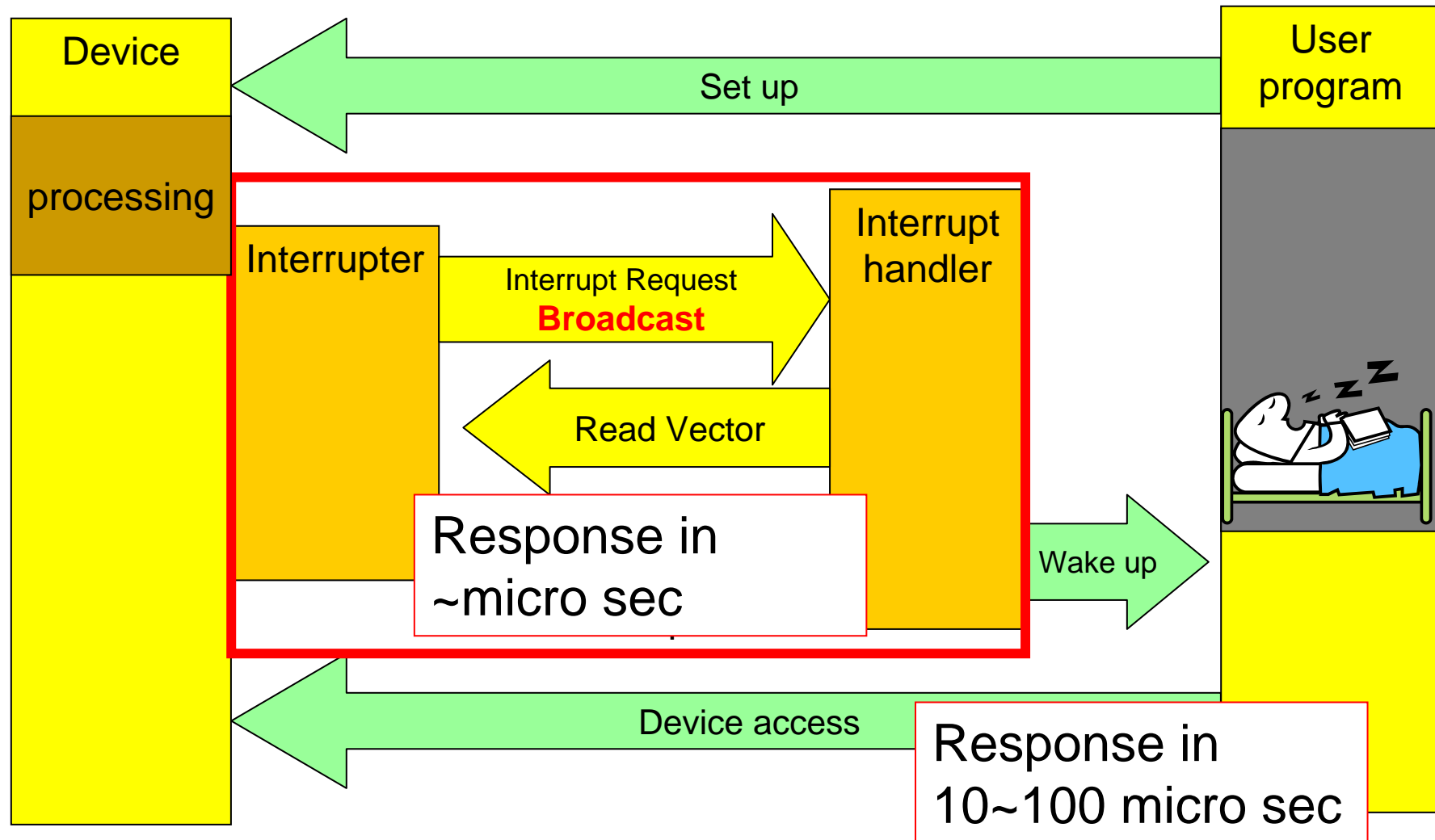
NOMACHI, Masaharu

# Interrupt on VME bus



Communication between **strangers**.

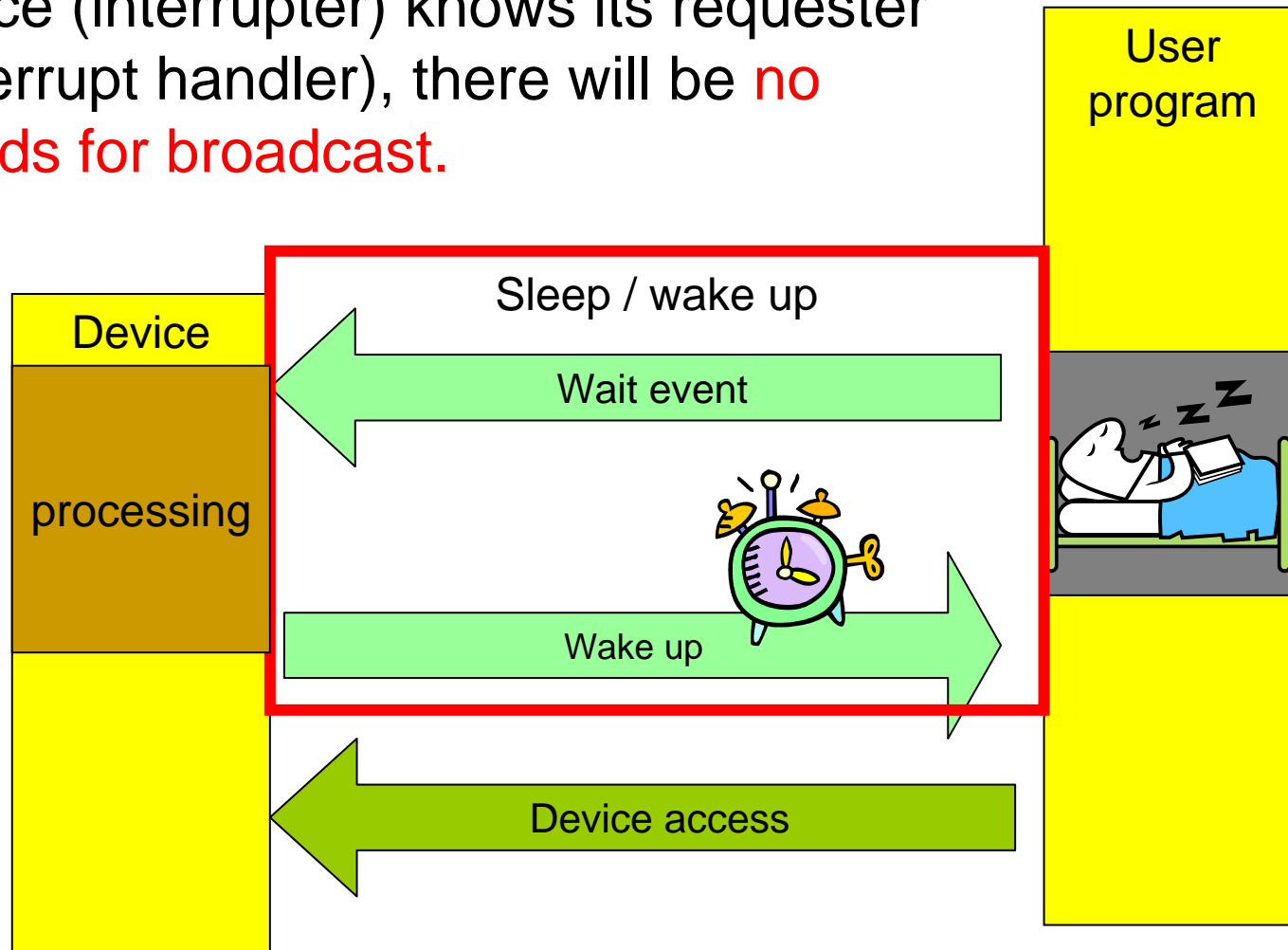
# Interrupt in the user program



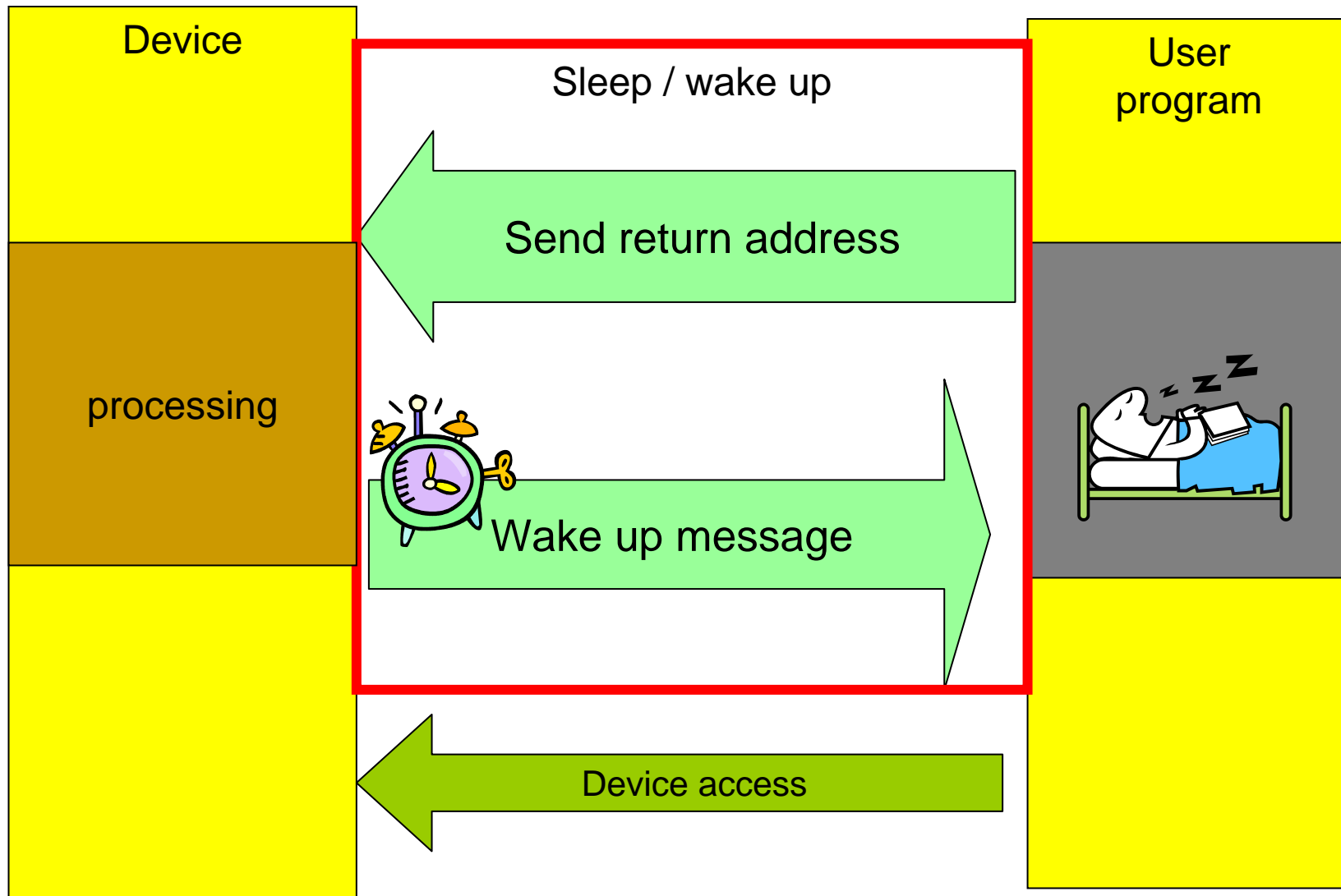
User program knows the device

# Do we need broadcast?

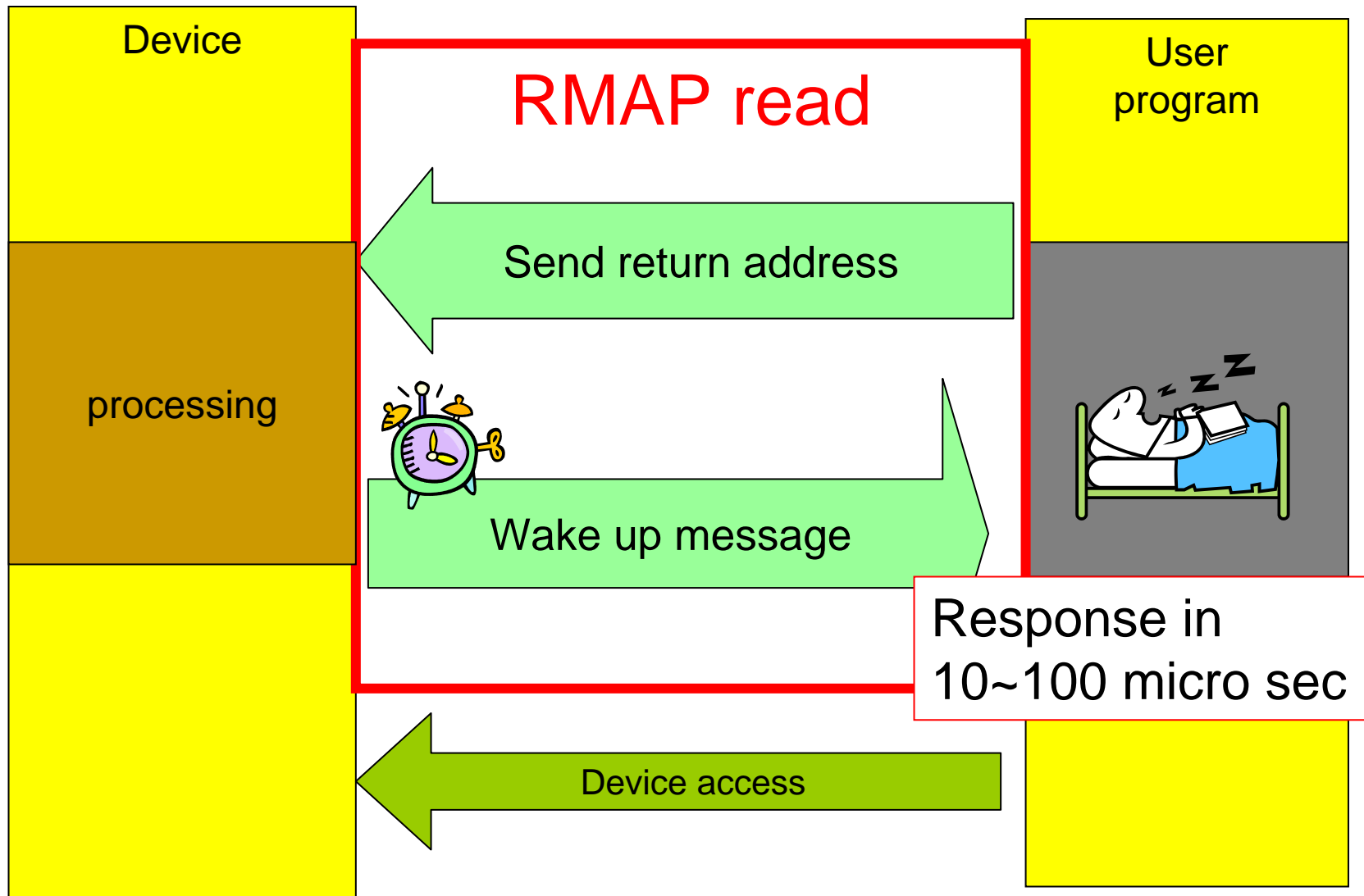
If device (interrupter) knows its requester (interrupt handler), there will be **no needs for broadcast.**



# How to implement on SpW?



# Do we need new protocol?



# summary

- In application level, message broadcast is not always required.
- Device should remember the requester.
- Wake up mechanism can easily implemented on **RMAP protocol**.
- Implementation on hardware. No needs for new protocol.