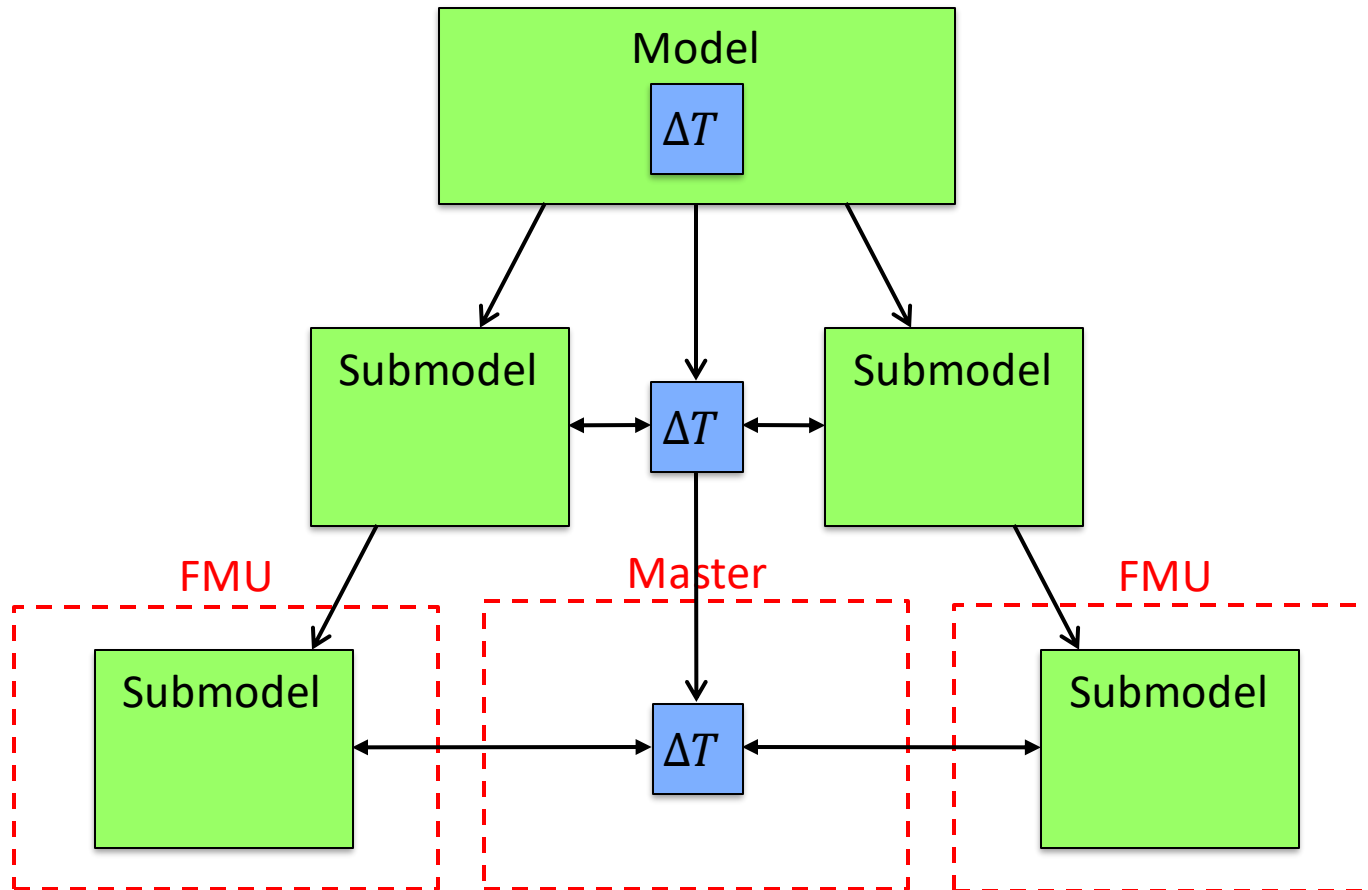


# Transmission Line Method (TLM) for Numerically Stable Co-simulation

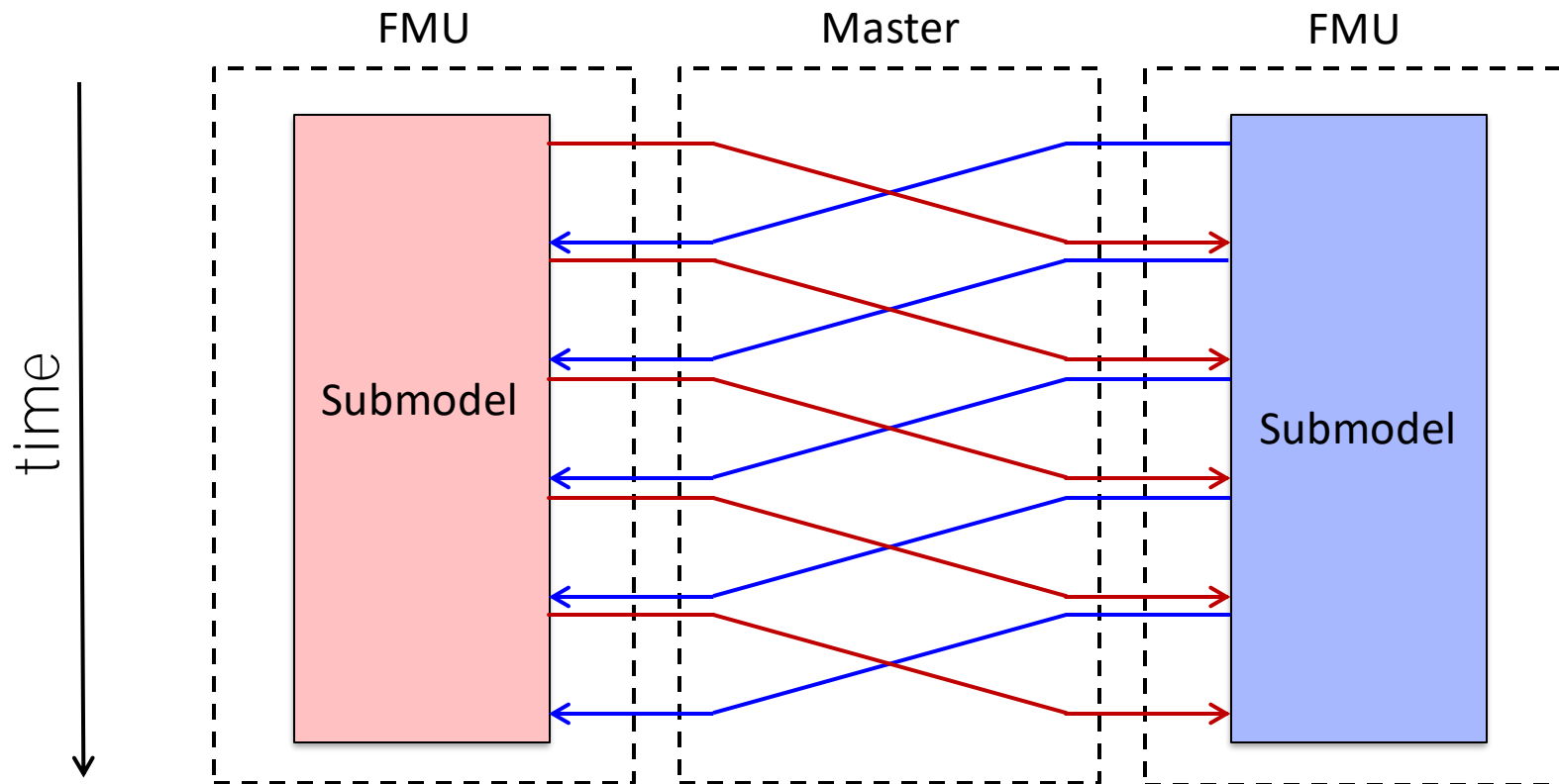
Robert Braun

Linköping University

# TLM for Co-simulation

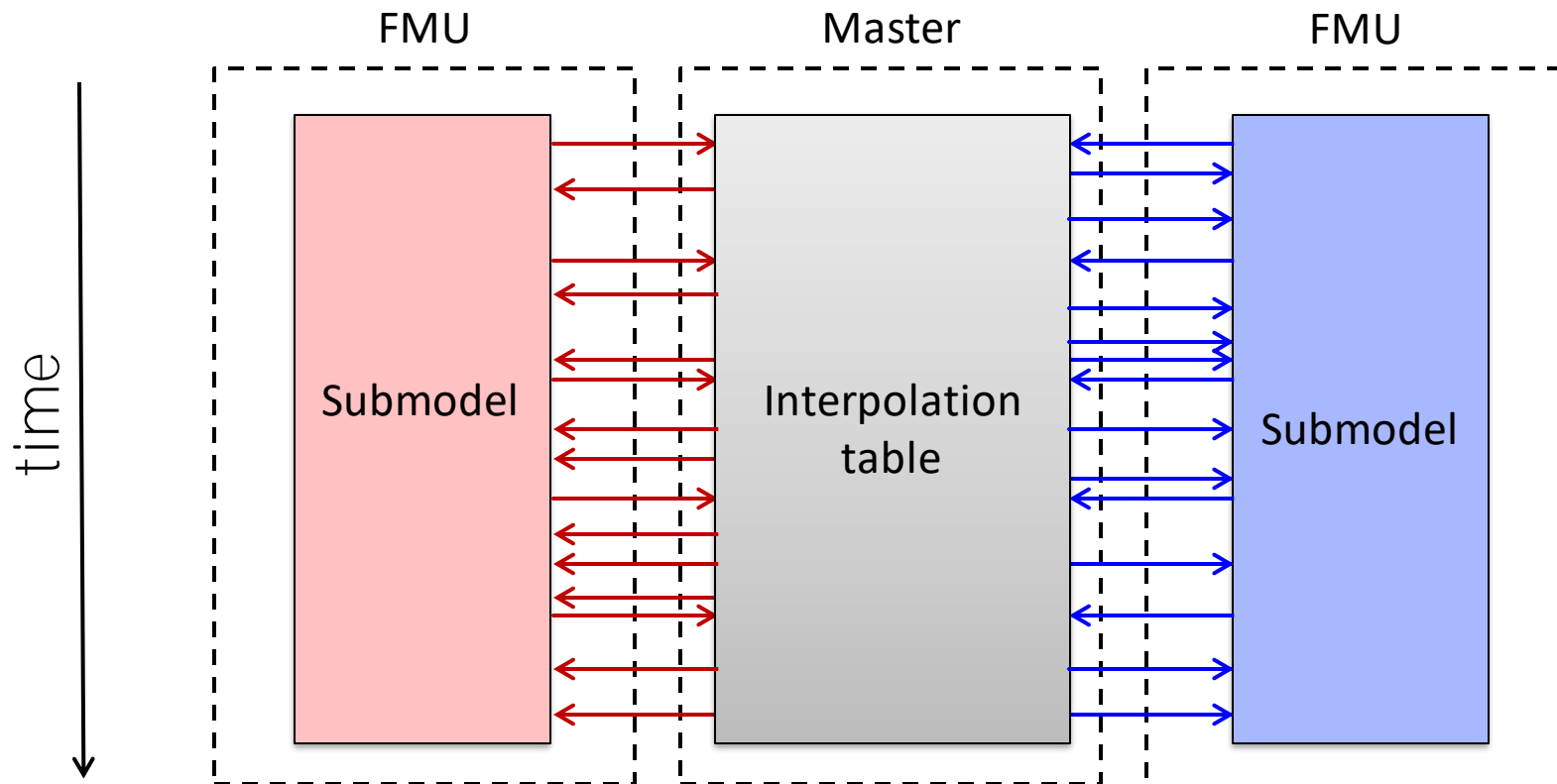


# Synchronous data exchange



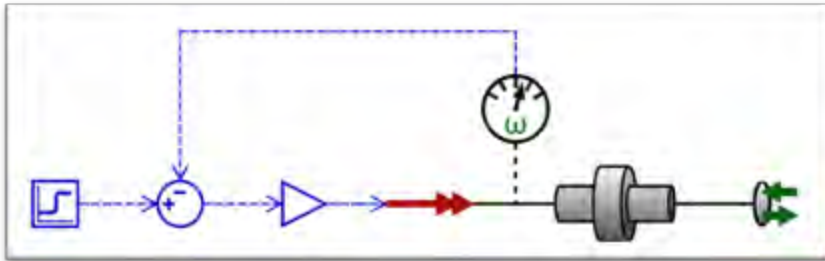
# Asynchronous data exchange

Not available in FMI 2.0

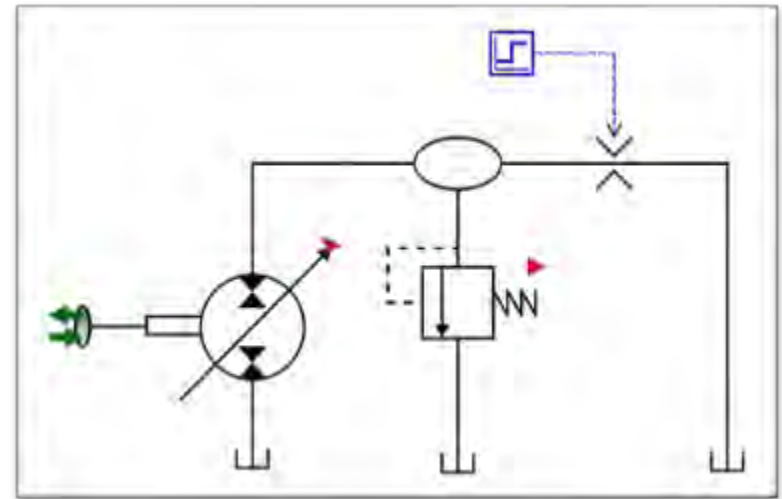


# Exercise:

- Hydraulic system and "motor"
  - Two FMU for co-simulation (win64)
  - Lua-script



OpenModelica or Hopsan



Hopsan

Robert Braun

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