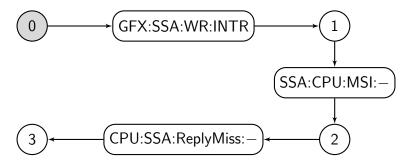
#### Flow Specificaitons

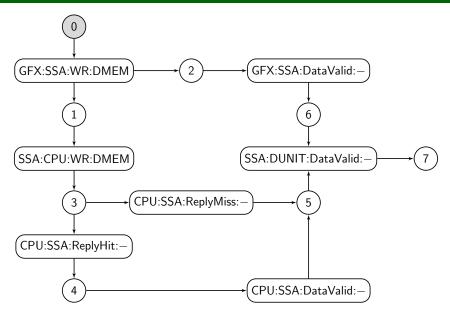
Hao Zheng

Department of Computer Science and Engineering University of South Florida

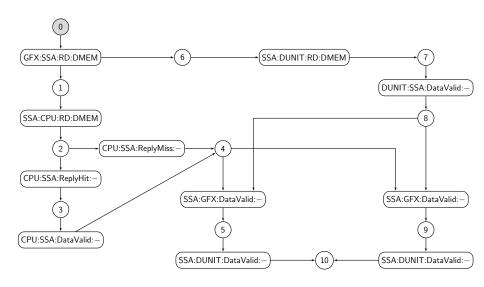
# **Upstream Message Signaled Interrupts** (MSI)



## **Upstream Memory Write**



### **Upstream Memory Read**



4 / 5

#### **Downstream MMIO Read**

