STURM/xFEL scheduling -- essential milestones JM/GSV 14-Mar-14 Schedule to First x-ray runs Switch to mini-coax cabling 6-Jan-14 13-Jan-14 20-Jan-14 27-Jan-14 3-Feb-14 10-Feb-14 17-Feb-14 24-Feb-14 3-Mar-14 17-Mar-14 24-Mar-14 31-Mar-14 7-Apr-14 14-Apr-14 21-Apr-14 28-Apr-14 5-May-14 12-May-14 **Previous Stage Development** Existing MB/SCROD/Daughercard Firmware (modified) Evaluation **New Readout Development** Ready for first x-ray signals (xFEL)? New Fermionics Detector Card (REV B) Schematic Capture Layout Design Review Board Fabrication Board Assembly Firmware Evaluation RF Fanout board Schematic Capture Layout Design Review Board Fabrication Board Assembly Firmware Evaluation New Amplifier Card Schematic Capture Layout Design Review **Board Fabrication** Board Assembly Firmware Evaluation New Amplifier Power Card Schematic Capture Layout Design Review Board Fabrication Board Assembly Firmware Evaluation New STURM2 Daughercard For Common Power Board Schematic Capture Layout Design Review **Board Fabrication** Board Assembly Evaluation New IRS3C Daughtercard Schematic Capture Layout Design Review Board Fabrication Board Assembly Firmware Evaluation New Digitizer Motherboard For STURM2 and IRS3C Schematic Capture Layout Design Review **Board Fabrication** Board Assembly Firmware Evaluation Amplifier RF Shield Design Manufacturing Performance Testing Evaluation STURM3 Schematic Capture Simulation Layout Simulation **Design Review** Submission

Fabrication