

## IE/ECE Team Student Meeting on 6/27/07

- I Current Development of Bidirectional Simulink to VSCI Communication
  - A Discussed run of Simulink and VSCI simultaneously on single machine for Unidirectional Communication
    - 1 Checked out Scenario file I/O processes and achieved success
  - B Demonstrated the Current Surrogate Simulink Java version running with the VSCI.java
    - 1 Discussed code use and location of control logic for determining plate movement
  - C Discussed the development of a separate Output file generated by the VSCI.java to be read by the Simulink
    - 1 User decision times need to be captured for Simulink interaction with VSCI
    - 2 Discussed the contents of the output file
      - a Event number, plate number, elapsed time, step number, and error condition
      - b Identified three error conditions (1 – error start, 2 – error end, 3 – error ended with plate discarded)
- II Information Needed for Simulink Development
  - A Discussed Process Times being attached to Devices versus Plates
    - 1 Indicate difficulty in representing the system as device dependent versus plate dependent with regard to control logic
  - B Discussed Detailed System and Decision Events
    - 1 Provide more detailed information regarding system events (Line Process Times.xls, Line Process Times for 1 Family.xls, Line Process Times for 24 Families.xls)