

Notes from IE Team Meeting on 3/1/07

- I Discuss Concept Drawings for VSCI
 - A Error Condition Simulation within Interface Code
 - 1 When heatmap shows white wells across > 50% of a single column, indicating significant number of samples for dilution failed
 - 2 Use a threshold for point when process is considered out of control of $\bar{X} + 1\sigma$
 - B Discussed the Development of the Control Code
 - 1 Use of separate threads for each plate timer within the interface
 - 2 Discussed the variables necessary for initial process changes
 - C Discussed the plate transfer conditions within the process
 - 1 Decision to use “holding” places for the plates when they are in transit by the ORCA
- II Discussed Current Article Work on Usability Comparison with GOMSL
 - A How changes in the interface design have implications for GOMSL
 - 1 Changes in the interface design can be indicated in an “improvements” table for each case
 - 2 Comparison of GOMSL code can show the relationship between interface design, GOMSL model, and Performance
 - B Project Ernestine Example as Approach for current design work
 - 1 Comparison of two interface models
 - 2 Our use of GOMSL model would provide guidelines to motivate new design model