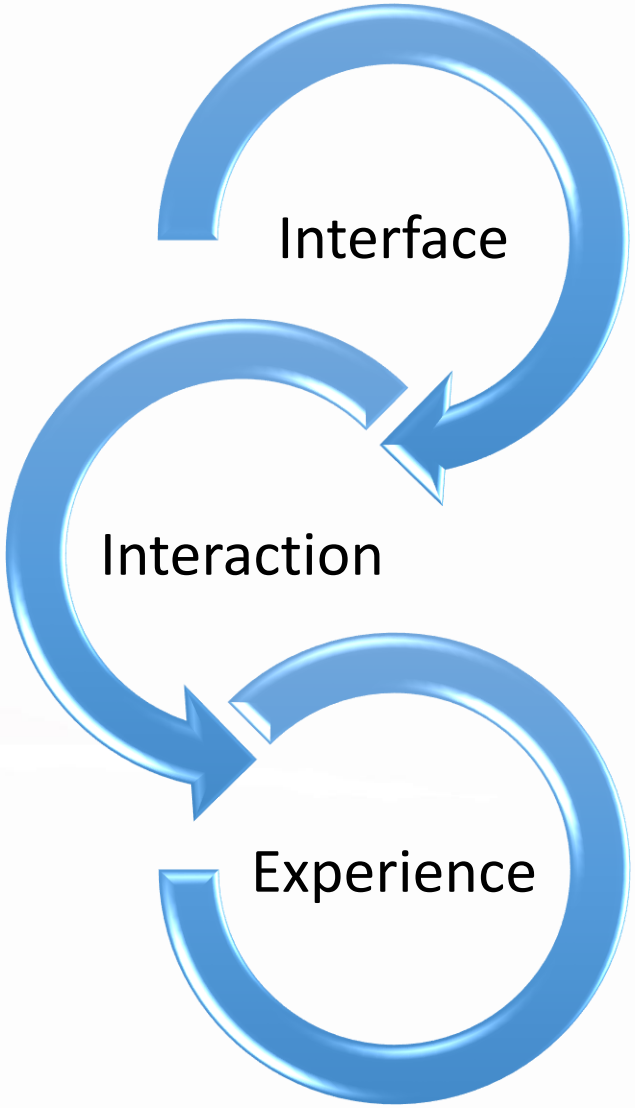
Human-Machine Interfaces for Smart Manufacturing PHM

Tuesday, 3 October, 2017

10:30 AM – 12:00 PM

STÄUBLI
EDIT
DISP
CLR ERR
CMD
PROG SET
USER
WORLD
TOOL
JOINT
FREE
DEV
MAN HALT
RUN HOLD
DIS PWR
COMP PWR
SLOW
REC DONE
NO
YES
DEL
STEP

Pick-and-Place

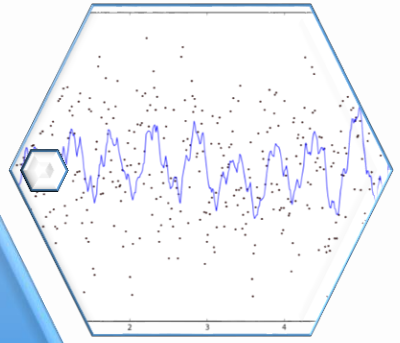

Interface
Interaction
Experience

Fast Feedback

Control Options

Ease of Use

Data Quality



Situation Awareness

Process Quality

Today's Agenda

- 10:30 AM: Dr. Jeremy Marvel (Computer Scientist, NIST), Welcome and opening thoughts about HMI
- 10:40 AM: Dr. Radu Pavel (VP Engineering & CTO, TechSolve), HMI from a solutions provider and consultation perspective
- 10:50 AM: Dr. David Siegel (CTO, Predictronics), UI design considerations for PHM software
- 11:00 AM: Shelly Bagchi (Electrical Engineer, NIST), metrics for the assessment of HMI performance
- 11:10 AM: Panel discussion