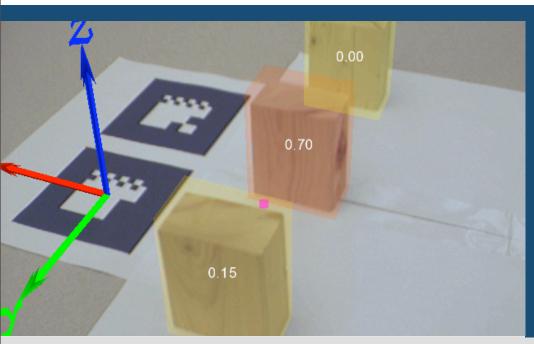
# I Don't Need no New Technology, I Just Want to Meet the Production Quota

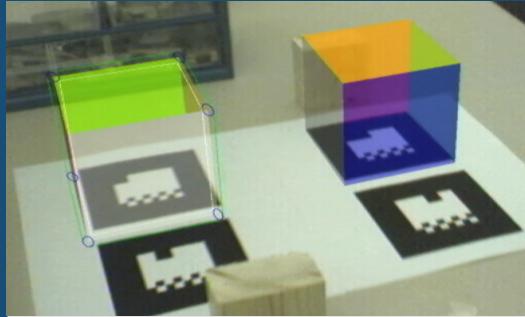
Enylton Machado Coelho Lukas M. Marti



#### **About me...**

- Graduated Fall'05
- Dissertation: Spatially Adaptive Augmented Reality
  - Developed a toolkit that:
    - accounts for uncertainty and
    - supports the development of deployable AR applications

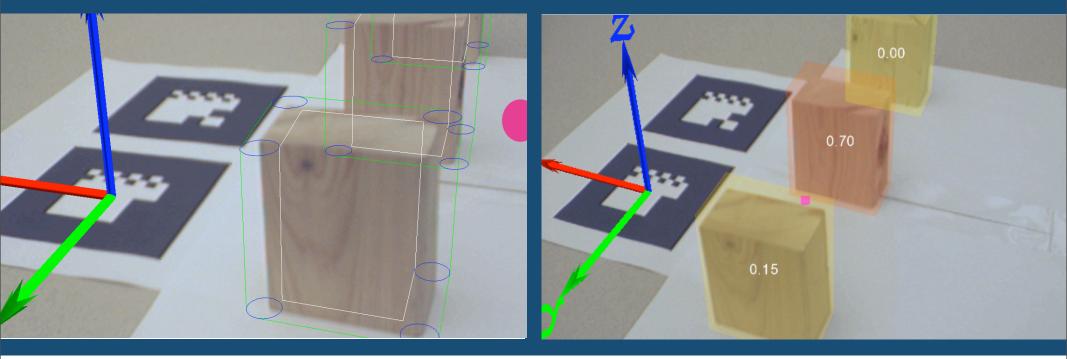




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### **Uncertainty Aware AR**



- Account for uncertainties in the system
- Propagate it down to the screen
- Compute regions
- Provide the application developer an estimate



## **About BOSCH...**









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#### **Industrial AR**



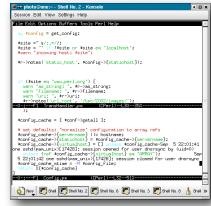
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# The best technology is not always the winner...

- Video Recording
  - Betamax
    - superior video quality
    - proprietary
  - VHS
    - longer running time
- Operating System
  - Windows
    - cheaper hardware
    - easier to learn
  - Unix
    - technically superior
    - requires technical knowledge

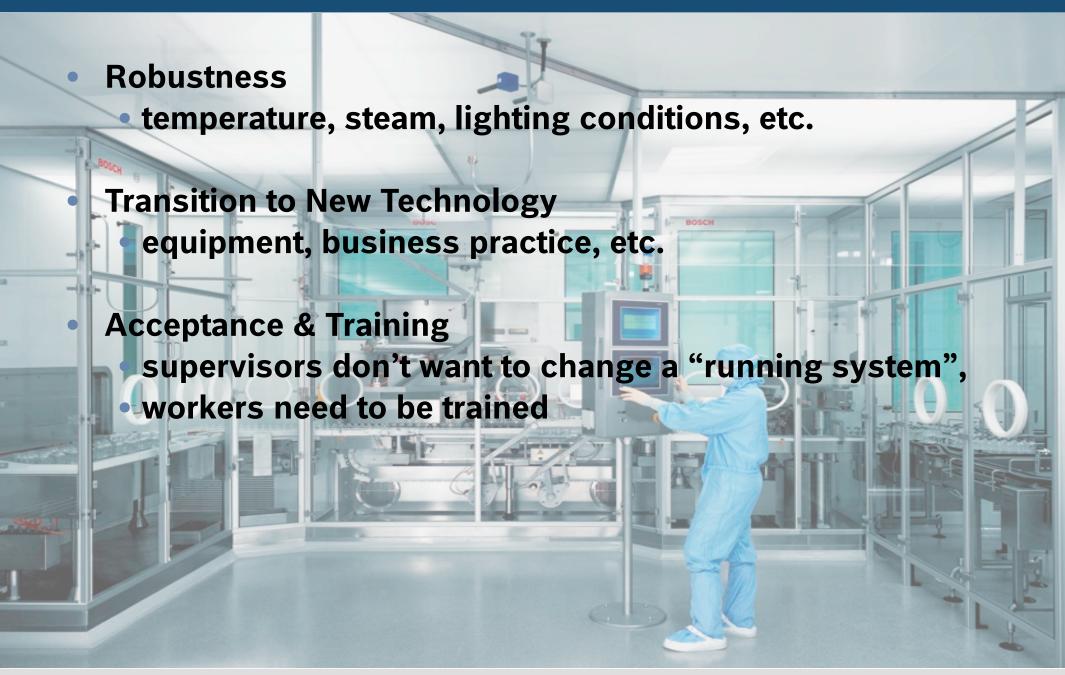








# Relevant Industry Issues







#### **Research-Industry Gap**







# How to bridge the gap between the constraints of industry and the expectations and challenges of research?





#### **Discussion**

- Comprehensive, long term vision
  - NSF proposal

- Short term, easily transferable technology
  - Industry

