# SPECIAL TOPICS IN INTERACTIVE PERFORMANCE AND TECHNOLOGY

## Schedule\_Changed

- □ Apr. 17: Tech Rehearsal
- Apr. 22: Brief Showing Sessions (8pm for outdoor projects)
- Apr. 29: Final Show (8pm for outdoor projects)
- □ Apr. 30: Documentation Video Due
- May. 1: VIST Show 5-8pm (Performance 6pm)
- May. 3: VIZ-A-GoGo Downtown Bryan
- May. 5: Paper, Blog Due

#### Evaluation

- □ Sketches (2): 10% each
- □ Final Project 40%
- □ Final Documents (Documentation Video, Essay): 10%
- □ Class Participation 5%
- □ Readings and discussion 10%
- □ Research + Documentation (Blog): 15%
- □ TOTAL: 100%

#### **Documentation**

- □ Video: about 3mins
  - □ Due: April 30
  - VIZ students need to submit the videos for VIST Show and VIZ a GoGo
- □ Paper: 4 page ACM style
  - Due: May 5 midnight
- Webpage (CS Students)
  - Due: May 5 midnight

#### How to start?

- □ Plan for the show, other opportunities
  - VIST Show (May 1)
  - VIZA Go-Go (May 3)
  - Festivals
- Research on possible conferences for paper

#### Video Documentation

Interactive artworks need a different approach in video recording and documentation than more traditional work of arts.

# Why Video?

- Overall Impression
- Visual aspects of components
- Relation to space/architecture
- Sound
- Movement
- Time specific aspects
- Interactivity
- Presence (and experience) of the audience

# Purpose of Video Documentation

- Publication/education
- Promotion
- Research
- □ Re-installation

#### Flow of Video

- □ Title, Artists, year
- Background information
  - Concept, Aesthetics
  - Artist Interview
- Artifact + Interactive Experience
  - Impression of the work in the space
  - Interview of Audiences
  - Animation to simulate the experience

#### Flow of Video Cont'd

- Technical Information
  - Artist or Technician Interview
  - ConfigurTion
  - Inventory of all equipment
  - Progress
  - Graphics (Diagrams)
  - Animation of how the system works
- Credit
  - Team info with roles
  - □ instructors, TAs, Departments, University

## Examples

- http://conceptlab.com/roachbot/
- □ <a href="http://www.embodiedimmersion.com/?p=579">http://www.embodiedimmersion.com/?p=579</a>
  - The Rorschach Project
- □ <a href="http://www.embodiedimmersion.com/?p=945">http://www.embodiedimmersion.com/?p=945</a>
  - Satellites
  - The Road to Recovery

### Research Paper

- Format: HCl Archive Format (ACM Style)
- □ 4 pages
- http://chi2013.acm.org/authors/format/
  - Microsoft Word
  - LaTeX

- □ How do I know?
- What do I want to know?
- Who cares?
- What do I know?
- What are the consequences?

- □ How do I know?
- What do I want to know?
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- □ Process□ Paper
- □ What I want to know-Reason/□ Introduction
  Idea
- □ What is the Context
  □ Background
  - Who cares?
  - What do I know?
- □ How do I know?
  □ Methodology
- What are the consequences? Conclusion

Research Question

Or

Research Objective

Science

Design

□ Art

- How does the world work?
- □ Solve a problem
- □ Improve efficiency
- Add functionality
- Explore experience,Aesthetics, Culture

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#### What is the context

■ Who cares?

■ What do I know?

- Reference ideas to support argument
- Define terms
- □ Literature Review

#### How do I know?

- Methodology
  - Quantitative date handled as quantities (measured)
  - Qualitative date handled as qualities (described)

#### How do I know?

- □ Third Person (User) Data □ First Person (self) Data
- What is measured during an experiment
- What the researcher observes
- what participants say

- What you measure (heart rate etc.)
- What you notice yourself doing
- What do you way to your self

□ Validity!!!!!!!

- How do you convince the audience that your data is accurate?
  - Use accepted types of data
  - Use more then one method (triangulate)
  - Include transcripts

# What are the consequences?

# What are the consequences?

- Analysis
  - Adding meaning
- Conclusion (Discussion)
  - Put all the work in perspective
  - Summarize the paper

## Paper structure

- Abstract
- Introduction
- Background Research
- Method (Implementation)
  - Process
  - Participants study
- Conclusion (Discussion)
- □ Reference

#### Research Tools

- □ ACM digital library
- □ IEEE xplore
- Leonardo
- Amazon.com
- Journals through TAMU library

# Assignment

CONFERENCE or ART FESTIVAL

Post detail info for submission