

## Afternoon Session

2:40 PM - 4:00 PM

### **Blackjack: Dealing Yourself a Good Hand**

Presentation #13

*Team Members:* Namit Chawla, Ryan Dyess, Shelby Hagman, and Devrin Lee

*External Advisor:* Hans-Peter Scheffer

### **Washoe 911**

Presentation #14

*Team Members:* Masahiro Kotani, Elihu Person, Patrick Reuther

*External Advisor:* Rob Langsner (REMSA)

### **A-Team Home Security**

Presentation #15

*Team Members:* Marc Kellison, Brian McKay, and Heath Workman

*External Advisor:* Dr. Dwight Egbert (Computer Science and Engineering, University of Nevada, Reno)

### **Streamlined Hospitality Technologies**

Presentation #16

*Team Members:* Mark Brady, Kyle Jamieson, and John Spadora

*External Advisor:* John Kenyon (Computer Science and Engineering, University of Nevada, Reno)

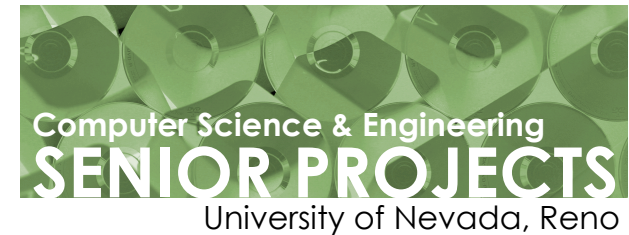
The CS 426 Senior Projects represent software development work performed during the Spring semester by undergraduate Computer Science & Engineering students under the supervision of Dr. Sergiu Dascalu and Mr. Brian Westphal. Projects presented in this workshop are in areas such as simulation & modeling, scientific visualization, robotics, hardware controllers & monitors, networking, multiplayer gaming, and hospitality services.

Additional details on the senior projects can be found at <http://www.cse.unr.edu/~sp2005/>

CSE

Computer Science and Engineering

University of Nevada, Reno  
**SENIOR PROJECTS**  
**SPRING 2005**



## Spring 2005 Workshop Schedule

### **Morning Session**

Presentations 9:00 AM - 12:00 PM

Interactive Pai Gow  
WVCM

DiRT: Dust in Real-Time  
Treasure Bound

Break 10:20 AM - 10:30 AM

Snippet Manager  
SAI-BOTS  
Automn  
V-FIRE

Lunch Break 12:00 PM - 1:00 PM

### **Student Awards 1:00 PM - 1:10 PM**

### **Afternoon Session**

Presentations 1:10 PM - 4:00 PM

LARGE  
Simetrics  
Thraxion

Rover Exploration Vehicle

Break 2:30 PM - 2:40 PM

Blackjack  
Washoe 911

A-Team Home Security  
Streamlined Hospitality Technologies

## Morning Session

9:00 AM - 10:20 AM

### **Interactive Pai Gow**

Presentation #1

*Team Members:* Alvin Go Tan, Dat Ta, and David Tyson

*External Advisor:* Bill Wells (IGT)

### **WVCM: Wireless Vehicle Communication Mesh**

Presentation #2

*Team Members:* Chris Bartlett, Seth Mattinen, and Vincent Ravera

*External Advisor:* Jason Truppi (Galena Group)

### **DiRT: Dust in Real-Time**

Presentation #3

*Team Members:* Marcos Bagby, Ryan Romero, Brett Sulprizio, and Hiroko Uda

*External Advisor:* Dr. Frederick C. Harris, Jr. (Computer Science and Engineering, University of Nevada, Reno)

### **Treasure Bound**

Presentation #4

*Team Members:* John Bocalig, Tolu Damole, Steve Ellis, and Randall Meyer

*External Advisor:* Jeff Stuart (Desert Research Institute)

## Morning Session

10:30 AM - 12:00 PM

### **Snippet Manager**

Presentation #5

*Team Members:* Eric Goldman, Jason Jarrett, Christmas Parker, and Aaron Rose

*External Advisor:* Terry Warkentin (WMS Gaming)

### **SAI-BOTS: Scripted Artificial Intelligent Basic Online Tank Simulator**

Presentation #6

*Team Members:* Billy Brandstetter, Mike Dye, Jesse Phillips, and Jason Porterfield

*External Advisor:* Dr. Frederick C. Harris, Jr. (Computer Science and Engineering, University of Nevada, Reno)

### **Autumn**

Presentation #7

*Team Members:* Kanwal Brar, Nicholas Lyle, and Inna Williams

*External Advisor:* Dr. Brian Beck (Nevada Center for Bioinformatics, University of Nevada, Reno)

### **V-FIRE: Virtual Fire in Realistic Environments**

Presentation #8

*Team Members:* Grant Kelly, Michael Penick, and Juan Quiroz

*External Advisor:* Dr. Frederick C. Harris, Jr. (Computer Science and Engineering, University of Nevada, Reno)

## Afternoon Session

1:10 PM - 2:30 PM

### **LARGE**

Presentation #9

*Team Members:* RJ Landis, David Leistiko, and Robert Worrell

*External Advisor:* Tim Paige (5000 Ft.)

### **Simetrics: Smart Interactive Metrics**

Presentation #10

*Team Members:* Derek Eiler, Herman Leong, and Nathan Penrod

*External Advisor:* Dr. Norm Brown (National Institute for Systems Test and Productivity)

### **Thraxion**

Presentation #11

*Team Members:* David Colborne, Justin Gerthoffer, and Jonathan Studebaker

*External Advisors:* Dr. Frederick C. Harris, Jr. (Computer Science and Engineering, University of Nevada, Reno), Jeff Stuart (Desert Research Institute), and Joe Jaquish (Desert Research Institute)

### **Rover Exploration Vehicle**

Presentation #12

*Team Members:* Michael Capps, Joseph Liu, and Edward Resnick

*External Advisor:* Dr. Monica Nicolescu (Computer Science and Engineering, University of Nevada, Reno)