## Solar system exploration

Exploration of our Solar system Member names: Michelle Snowden Ruth Agada Dr. Sharad Sharma COSC 729.191 Final Project

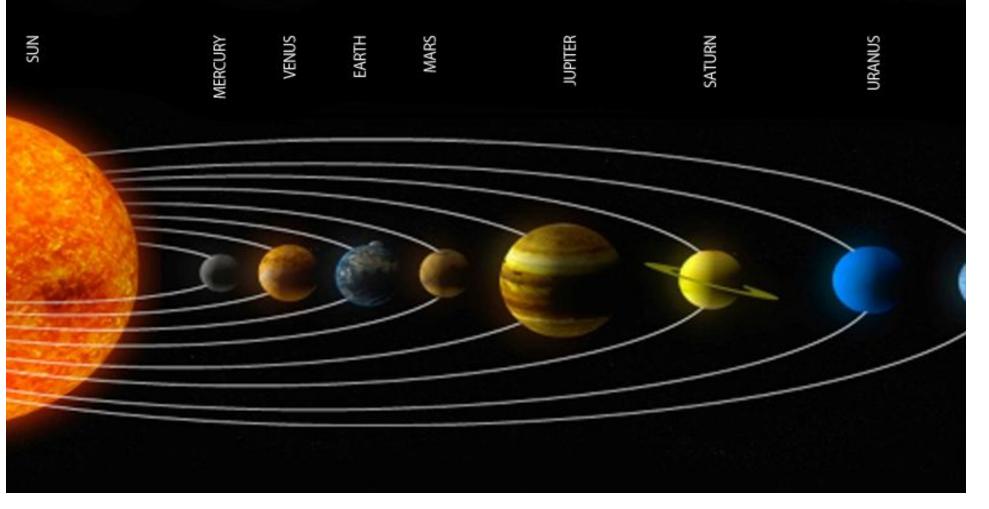
#### **Goals and Objectives**

Create a virtual solar system that will:

- learn detailed information about planets
- Play with various objects
- Move through the system

## Modeling

- The system below
- Space station with at least 3 rooms

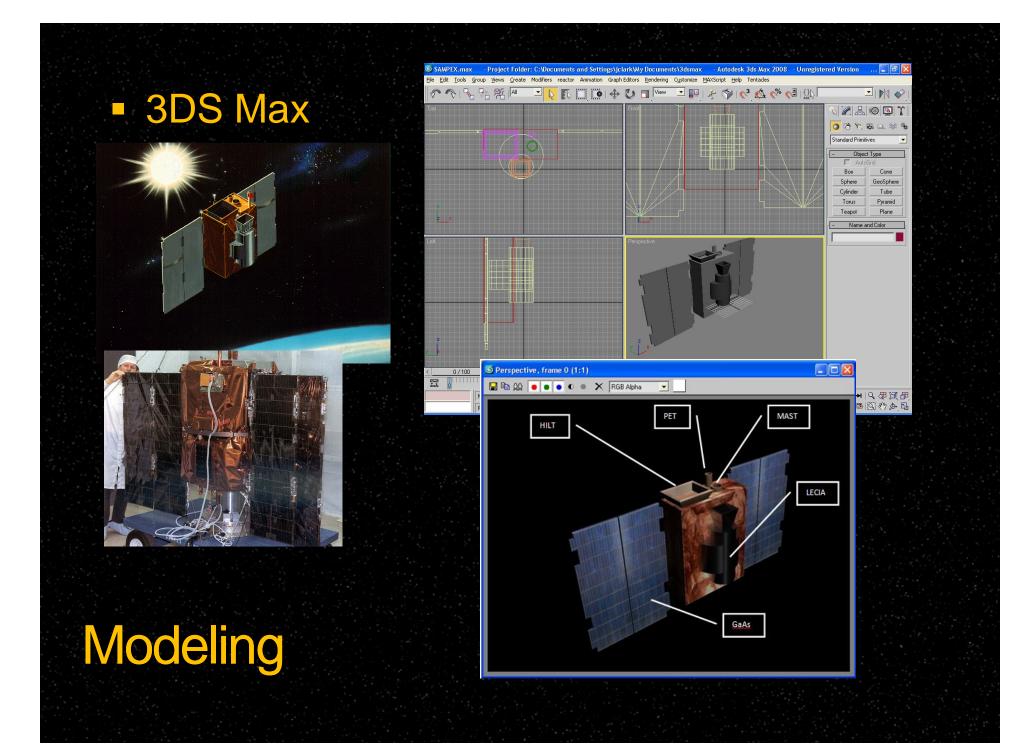


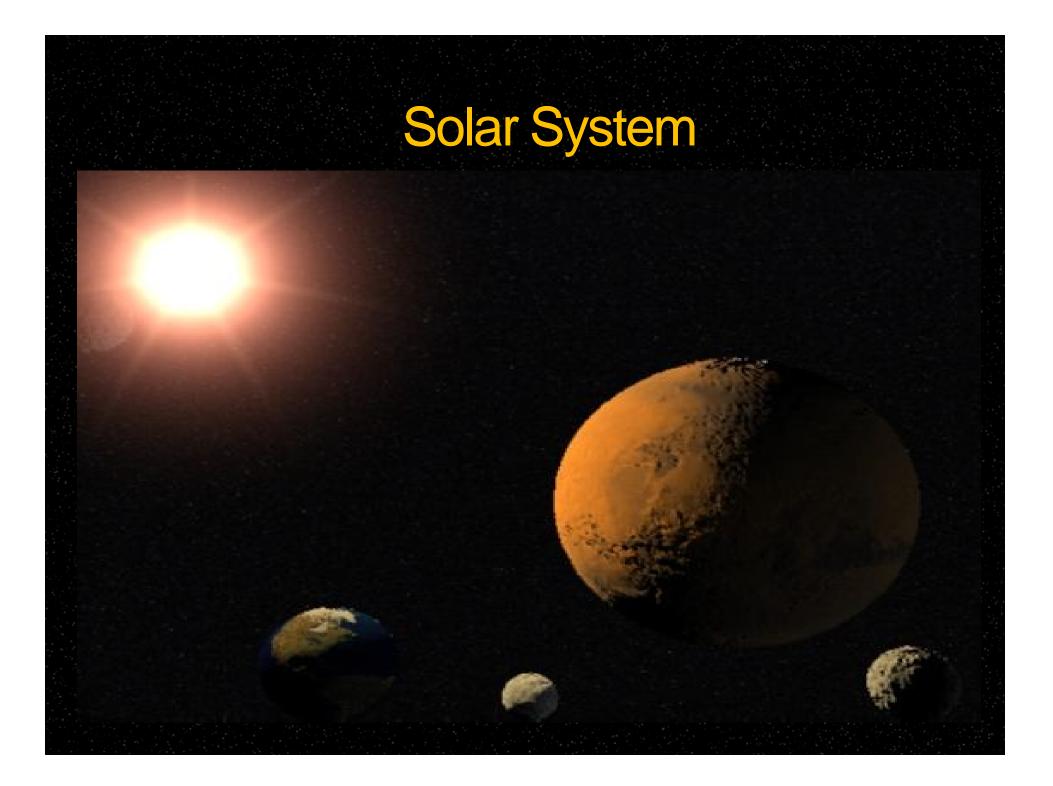
## Solar System

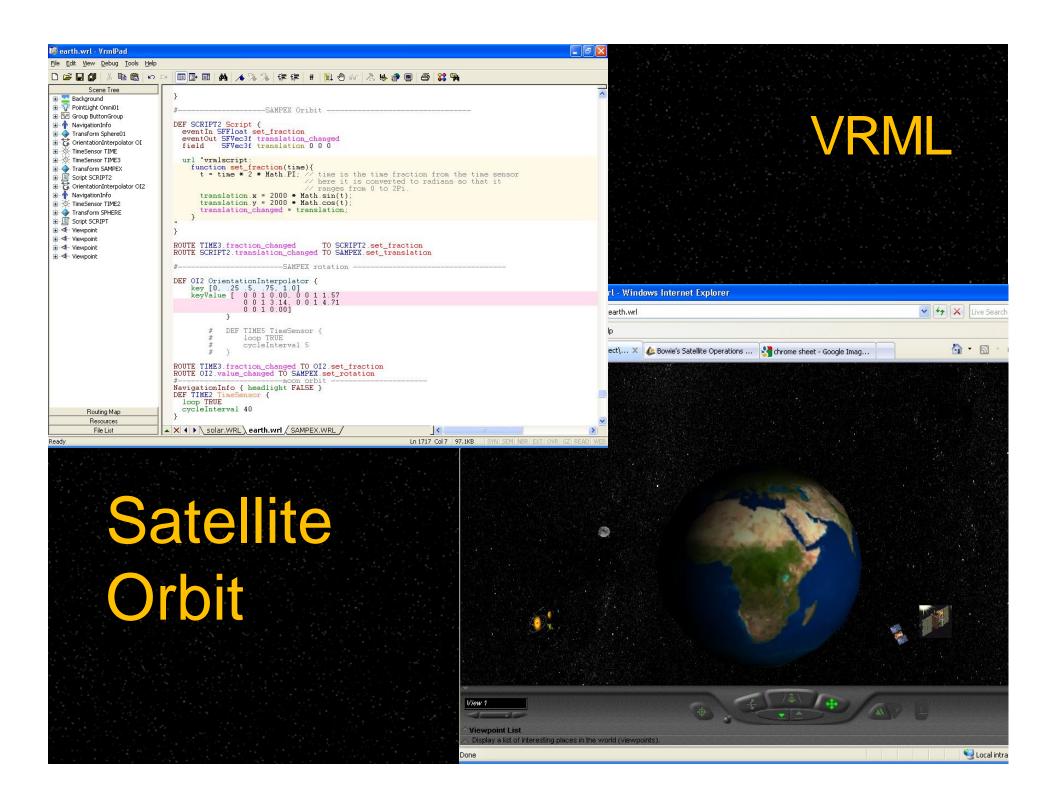
Objects: 8 planets including pluto and the sun
Image: sun and planet
Texture: for the sun and planets
Interpolator: orientation and rotation
Lights: spot and point

#### **Space Station**

Objects: station, chairs, tables, screens
Image: solar system
Texture: metallic surface
Anchor nodes
Touch Sensors

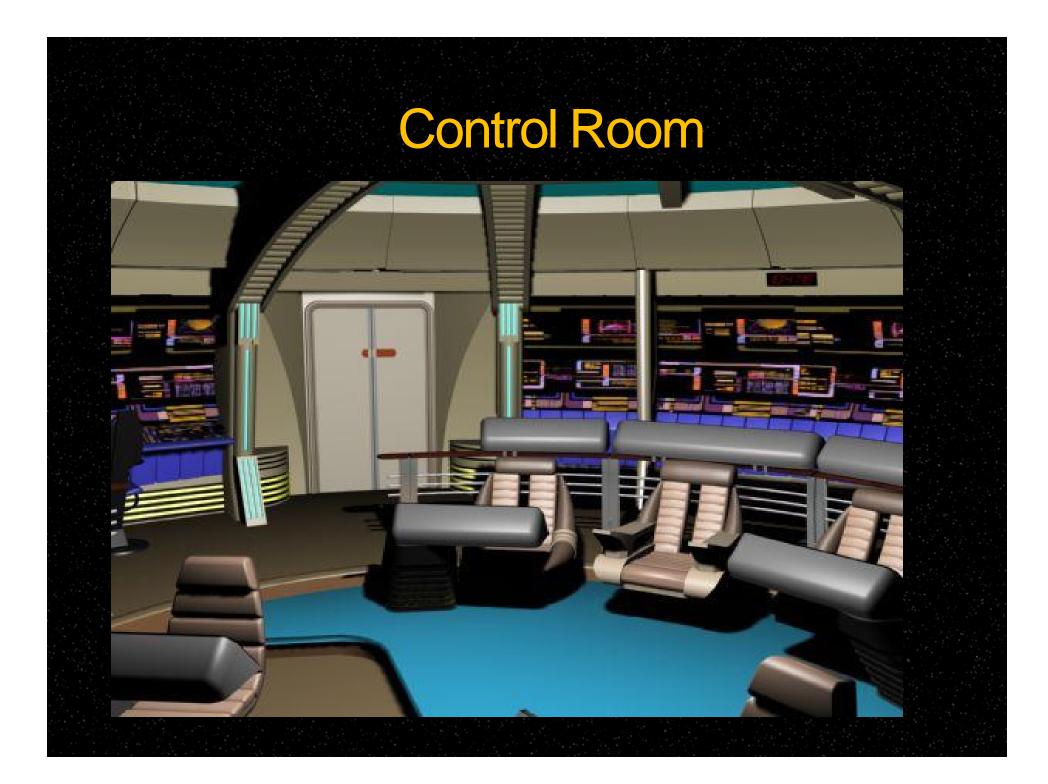






# **Space Station**





#### Problems/Recommendations

- Problems included
  - Loss of data and features in transitioning from 3DS Max to VRML
  - Time consumption for modeling planets and animating the Sun
  - Learning to create particle flow source
  - Recommendations
    - Completing animations for ground station transfers

