

## **Keynote I**

**Robert W. Denise (JPL)**

### **Mars Exploration Rovers -- a View from the Inside**

#### ***Abstract***

There are currently two Rovers operating on the surface of Mars, making history, and scientific discoveries on a daily basis. This presentation will start with a brief overview of the Mission and its objectives, followed by an update of what the Rovers have accomplished to date in their travels and travails on the surface of Mars including some of the scientific discoveries and theories that have been promulgated. It will also describe the plans for the future. Finally, the talk will deal in some depth with the issue that has come to be called "The Flash Memory Anomaly". This description will provide an understanding of what information the anomaly investigation team had at their disposal and how they dealt with, and ultimately resolved the problem.

#### ***Biography***

Robert Denise was a member of the Flight Software Development Team for the Mars Exploration Rovers, and is currently on the Rover Engineering Team supporting mission operations. He has been with Jet Propulsion Laboratory for about a dozen years working on four missions to Mars, and one of the instruments on the Cassini mission to Saturn.