

Wednesday, 30 January

Salon 4

Session 18: Current and Future Use of NASA's Deep Space Network

**Chair: Mr. David Morris
JPL**

1330 AAS 02 -219

The JPL RAPSO Process

G. Burke and D. G. Morris, Jet Propulsion Laboratory

The Jet Propulsion Laboratory Resource Allocation, Planning and Scheduling Office is chartered to divide the limited amount of tracking hours amongst the various missions in as equitable allotment as can be achieved. To best deal with this division of assets and time, an interative process has evolved that promotes discussion with all of the customers that use the Deep Space Network (DSN). Aided by a suite of tools, the task of division of asset time is then performed in three stages of granularity. Using this approach, DSN loads are either forecasted or scheduled throughout a moving 10-year window.