

## Session 11B



# Ground Space Technology Innovation within Agencies, Universities and Industry - Same Purposes and Results?

Working Group Preview

*Nestor Peccia, European Space Agency/ESOC*



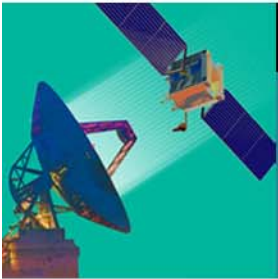
## Main Objectives

The **Innovation's Main Objectives** are generally:

- **Contribute to, encourage & advance an overall innovation process of the Ground space sector**
- **Support national autonomy and maintain technical excellence in core activities**
- **Prepare & enable more capable and more cost effective ground space programmes**
- **Develop new competencies & support competitiveness of industry in the global commercial markets**

Different Ground teams have different needs and visions when considering innovation:

- **Improved cost / benefit to user**
- **New applications & markets**
- **Reduced response time to market**
- **Patents**
- **“Indicators” / ”best practices” / “bench marking”**
- **New funding sources**
- **More cooperation between universities and industry (industry pull instead of science push ?)**
- **PhD's sponsorship research focussed**



## Session Goals

- The main goal of the WG is to set a forum to discuss between Space Agencies, Space Organizations, Industry and Universities their innovation strategy on the Ground:

### **Institutional View**

- 1:05 pm Innovation at NASA-JPL
- 1:45 pm Innovation at ESA

### **Industrial View**

- 2:25 pm Innovation at ORACLE
- 3:20 pm Innovation at GMV Space
- 4:00 pm Open Forum for discussion