



Enhancing Distributed Team Performance in Exploration Missions

Judith Orasanu, Organizer

NASA Ames Research Center

Gro Sandal, Chair, *Univ. Bergen*

Loredana Bessone, *ESA*

Norbert Kraft, *NASA/SJSU*

Lori McDonnell, *NASA/SJSU*

Bonny Parke, *NASA/SJSU*

David G. Rogers, *SAIC*

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DISTRIBUTED TEAMS

- ◆ **Astronaut crews**
 - In vehicle
 - On surface
- ◆ **Mission Control**
 - Team of teams
 - Mission Management Team



GOAL: Create and Maintain Effective Distributed Team Performance

◆ Requisite Team Skills

- Efficient, timely, error-free performance
- Flexible problem solving and decision making
- Coordinated, collaborative teamwork
 - Within flight crew
 - Between flight crew and ground
- Clear efficient communication
- Positive team climate and cohesion



ISSUES

- 1. What are the primary impediments to achieving effective distributed teams?**
- 2. What approaches are most likely to enhance distributed team performance?**
- 3. Culture issues**
 - What are advantages/disadvantages of multicultural crews and mission control?**
 - What cultural differences make a difference?**
- 4. What must NASA, ESA and other international partners do to reach these goals?**



PANEL PROTOCOL

- ◆ **Panelists' opening statements + Issue #1**
 - **Norbert Kraft**
 - **Lori McDonnell**
 - **Bonny Parke**
 - **Loredana Bessone**
 - **Dave Rogers**
- ◆ **Audience response + questions**
- ◆ **Issue #2: Panelists + Audience**
- ◆ **Issues #3, #4: Panelists + Audience**



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