



# JPL Reimbursable Programs

Defense and Civil Programs Office (DCPO)

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# Collaborative Technology Areas



- Adaptive Optics
- Risk Mitigation Associated with Technology Insertion
- Fusion of Disparate Data Sets
- Fault Adaptation/Fault Tolerant Design
- Nano Technology
- Space Based Radar
- System Test and Validation
- Ultra-Sensitive Space-Based Sensors
- Quantum Gravity Gradiometer

# Collaborative Technology Areas



- Serviceable Space Systems
- In-Space Technology Validation
- Concurrent Engineering
- Communications Architectures
- Optical Communications
- Network Science / Sensor Webs
- IT Middleware
- Autonomous Space Systems / Robotics
- Quantum Algorithms

# JPL is Flexible



- Partner as an FFRDC, NASA or Cal Tech Lab
- Technology Relationships/Development
  - Support Requirements Definition
  - Specification Functions, Performance Objectives and Technology Goals
  - Flexible Planning and Includes Technology Alternatives
  - Design-to-Cost, Design-to-Schedule Missions
  - Deliveries Utilizing Rapid Technology Acquisition and Development Cycles
- View Ourselves As Part of the Team

# Key Defense and Civil Customers



- Air Force
  - AFRL, SMC
- Army
  - ARL, CECOM, SMDC
- DARPA
- Navy/USMC
  - SPAWAR
- Other DOD Agencies
  - DISA, MDA, NIMA, NRO
- Civil Agencies
  - DOT, DOJ, FAA, NIH, NSF

# Summary



- Highly Successful, Last of a Kind, Technical Space Organization
- Developing Technologies for NASA with DoD Applications
- Expand Relationships With Industry and throughout space community

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