National Aeronautics and Space Administration

Future of IR Research

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Airspace Systems Program
2011 Technical Interchange Meeting
March 28–31 2011
San Diego, CA
www.nasa.gov

The Future of IR

- Previous research focused on trajectory interoperability (machine-machine)
  - Implicit assumption that all systems need the same information
  - What trajectory information should be exchanged between systems?
- Impact of data exchange depends on WHERE and WHAT
- Functional Allocation
  - WHERE functions are performed (air, ground, centralized, distributed)
  - WHAT entity performance them (human, machine)
- IR encompasses TP and HSI
  - How do we integrate these areas of work?
- New Questions
  - What data is exchanged between machine-machine and human-machine?
  - What data should be integrated? Fused? Hidden?