Kansei Genie
Federated Sensing Platforms
http://kansei.cse.ohio-state.edu

Kansei Today

- At-scale testing
- Sensor data injection
- Hybrid experimentation
- Multi-array applications
- Services-model of interaction
- Object code, source code or high-level language input

Federated GENI-ified Kansei Roadmap

- Clearinghouse
- Re-factored Kansei for GENI compliance
  - Component/Aggregate Managers: for XSM, TelosB
  - GENI Researcher Services: Scheduler, Job deployer, Data channel
  - Researcher (client) Dashboard: Kansei Job Control language
  - O&M Tools: Kansei Doctor
  - Evolving RSspecs for sensor platforms
  - Virtualization of wireless sensor fabrics to provide isolation between jobs
  - Federation
    - Authentication, authorization, and access control across multiple, federated testbeds
    - Resource management (including discovery and allocation) across federated testbeds
    - Kansei Cloning software package and installer
    - Kansei Clones at Wayne State and LANL

Specific Projects

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