

# Testbeds and Experimentally-driven Research

1. Both sides were extremely open in presenting their visions and activities
2. A lot of synergies and things to share
  - **Experimental infrastructures / facilities for research projects on new internet arch's:**
    - FIRE
    - JGN2plus
  - **Similar design principles:**
    - Federation and virtualisation
    - “synergies of testbeds” and virtualisation



# Testbeds and Experimentally-driven Research

- **Starting from network connectivity testbeds:**
  - **Wireless**
  - **Optical**
- **Expanding the scope of the facilities:**
  - **Towards the internet as a complex system across many layers**
  - **Including the higher level services or even key application layers**
  - **Including looking at the complete ICT infrastructure**
    - cluster computing**
    - Grid infrastructures**



# Possible future collaboration

## ➤ Discuss further

- in how far testbed infrastructures should be opened for cross use in areas of mutual interest?
- what level of interconnection is needed?

## ➤ Intl collaboration is encouraged in both initiatives:

- FIRE support action in the next ICT work programme
- JGN2 encourages the Japanese researchers to cooperate internationally

## ➤ Contacts between researchers were established, e.g.

- Wireless testbeds
- Optical testbeds

## ➤ Continue the dialogue

- Prof Aki Nakao to represent Akari and JGN2 at the FIRE launch in Sept in Paris
- EU representatives invited to the yearly JGN symposium in Japan in January 2009
- Programme level dialogue

