

## Dissecting the Initiative:

**FIRE** (Future Internet Research and Experimentation)

OR (?)

**FIERT** (Future Internet Experimentally-driven Research and Testbeds)

FIRE's two dimensions:

- *Experimentally-driven long term research on new paradigms for the future internet;*
- *Building a large scale experimentation facility by federating existing and new testbeds for technologies, which in a broad sense are related to the future internet.*

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How will Future Internet Research be accommodated?

How will theory and experimentation research cultures be brought together and interact in a meaningful manner?

How to learn to use testbeds to test more fundamental research ideas and learn to drive fundamental research from experimentation?

## Need to stir forward:

SAC (FET) → *Future Internet Research in FIRE*

GEANT/pan-European Gigabit research network → *new testbed / experimentation approach in FIRE*

## Need to stir away from the initial conditions:

*Future Internet Research and Experimentation approach in FIRE*

- *"Integrate" theory and experimentation strengths while leaving room for both to flourish*
- *Use federation and friendly interfaces to make experimentation testbeds an efficient and easy to use commodity.*