

What should future fixed networking testbeds offer and how can they attract users?

Panel position statement

The 3rd International NorNet Users Workshop (NNUW-3)

2015-08-28

Bjarne E. Helvik

Postulation

- Objectives:

- New services experiments
- Network internal functionalities experiments
- QoS (performance, dependability, security)
 - experiments
 - external monitoring
- High granularity internal monitoring (insights, “debugging”)



End systems
and SDN

Still needed

- Trend in networking

- increasing network functionality
- increasing complexity
- (partly) autonomous management
- potentially conflicting objectives

The challenge of
future testbeds

What to offer ?

- Instrumentation of control, management and forwarding
 - detailed data
 - enables correlation between events
- Support in data handling (and analysis)

How to attract users?

- Ahead of development
 - ensure sufficient coverage of the (long term) research agenda for a sufficient community/problem domain
 - commitment to use/funding of research
- Should it be a collective effort?