Discussions (1)

- A brief history of GLIF:
  - From the notion and concepts of lightpaths
  - Via coordination on lamdas and GOLEs
  - To control plane issues and dynamic lightpaths
- Visions on the future... And how can GLIF help in reaching a common ambition?

Intermezzo: Bottom up innovation

- Innovation can not be planned, designed and optimized
- Innovation is like evolution: unpredictable, but with a clear direction - in hindsight

- Evolution needs three elements:
  - Variation: many attempts to solve the same problem
  - Selection: an environment where the best solution is given a chance to thrive
  - Propagation: dissemination and replication of the best solutions

Source: Prof. Bart Nooteboom

Discussions (2)

- The programmable resources, or how do we enable dynamic services? E.g.:
  - Networks are schedulable
  - Storage and disk space can be allocated
  - Reservations can be made for compute power
  - Instruments can be shared and booked
- How does our community see this developing?
- Coordination needed?