OGF22 – NML-WG - Second Meeting Minutes (26-Feb-08)

Chair: Paola Grosso and Martin Swany

- **Anand Patil (DANTE)**

- *"GEANT2 cNIS Update"*

- *"I-SHARe" (Information Sharing across Heterogeneous Administrative Regions)*

- **Tomohiro Kudoh (AIST)**

- *"Overview of G-Lambda"*

  Objective: Define a GNS-WS interface to provide guaranteed bandwidth between end-points.

  NML may be used for path discovery and monitoring.

- **John Vollbrecht (Internet2)**

- *"Dynamic Circuit Networks Topology Description Issues"*

  Each domain should have an Inter Domain Controller (IDC) and its topology description including info on connections.

  Challenges:

  - To have a common description for networks.

  - To create an external global map.

  Issues:

  - Description of a Link.

  - Adding new Link.

  Goal:

  - Exchange topology information in a more simple way rather than, for instance, GMPLS abstraction mechanisms.

  - External description as a subset of internal description.

- **Discussion**

- Summary of presentations

  - Expectations from NML schema:

    - Path finding

    - Monitoring

- Inter and Intra domain network description (inter domain description as a subset of intra domain description)

- Map creation

o Discussion needed in order to identify requirements for class definition

- [JOHN] Need of description of links to allow adaptation between domains (multiplexing, sub-links). Circuits need to describe end-to-end paths.

- [PAOLA] Common classes' description in a basic NML schema. Further discussion about common classes required.