Mathieu Goutelle

Network Engineer

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Formation

2002-2003 **Master of Science in Computer Science**, *École Normale Supérieure*, Lyon.
Network, Systems & Hardware design

1999-2002 **Master of Engineering**, *École Centrale de Lyon*, Lyon.
Third year option: Computer Science

Experiences

2006 (apr.) - 2008 (mar.) **Activity manager of the "Networking Support" SA2 activity within the European EGEE-II project (IST n°2005-031688)**, *Unité Réseaux du CNRS (UREC)*, Lyon.
The SA2 activity is now in charge of the networking support for the whole project. This means essentialy the operational user support and the operational work with all the network providers. The activity plays also a coordinating role for all the network related actions within the project (middleware adaptation to IPv6, collaboration with providers and other projects, *etc.*).

2004 (may) - 2006 (mar.) **Network engineer for the European EGEE project (IST n° 2003-508833), SA2 "Network Resource Provision" activity**, *Unité Réseaux du CNRS (UREC)*, Lyon.
The EGEE grid (http://www.eu-egee.org/) will use the European research networks to connect all the entities who are involved in the project (computing elements, storage elements, middleware, applications, end-users...). The purpose of the SA2 activity is to ensure that EGEE has access to appropriate networking services provided by GÉANT (http://www.geant.net) and NREN networks.

2003 (oct.) - 2004 (may) **Computer Science PhD**, *École Normale Supérieure (LIP laboratory)*, Lyon.
Polymorphic protocol for high performance transport for heterogeneous streams in a computer grid.

2002 (oct.) - 2003 (oct.) **Network engineer for the European project DataTAG (IST n° 2001-32459)**, *École Normale Supérieure (INRIA/RESO team)*, Lyon.
Definition and experimental implementation of alternatives Differentiated Services models and evaluation of transport protocol based or not upon TCP in the context of a high-performance transcontinental computer grid.

2002 (apr. - aug.) **Final internship**, *École Normale Supérieure (INRIA/RESO team)*, Lyon.
Optimization and adaptation of a TCP/IP stack for service differentiation and high-performance data transport. European project DataTAG (IST n°2001-32459).

Miscellaneous informations

French **mother tongue**

English **good (TOEFL: 610)** *Daily usage for more than 4 years, both oral (meetings, talks...) and writing (technical documentations, activity reports...)*

German **memories**

OS Windows/DOS, UNIX/Linux — Programming Python, C/C++, Java, Shell script.

Bureautique Word, Excel, Powerpoint, LaTeX — Web HTML, CSS, JavaScript, PHP

Sports & Hobbies Rock climbing, MTB, trekking. Restauration of vintage cars (Citroën 2CV)

Publications

Goutelle, Mathieu and Toby Rodwell: *Operating an Optical Private Network: the lessons learned from LCG.* Talk in the Terena Networking Conference '07, May 2007. http://tnc2007.terena.org/, Copenhaguen, Denmark.

Goutelle, Mathieu and Jean Paul Gautier: *Network and Grid: the EGEE use-case.* In *First CESNET Conference on Advanced Communications and Grids*, pages 57–68, Prague, Czech Republik, March 2006. CESNET z.s.p.o.

Goutelle, Mathieu, Jean Paul Gautier, *et al.*: *The networking activities in the EGEE project.* Talk in the Terena Networking Conference '05, June 2005. http://tnc2005.terena.org/, Poznan, Poland.

The comprehensive list is available at http://mgoutell.free.fr/publis.php.