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### A semantic model for complex computer networks : the network description language

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## List of Author's Publications

- [1] Jeroen van der Ham, Freek Dijkstra, Franco Travostino, Hubertus Andree, and Cees de Laat: *Using RDF to Describe Networks. Future Generation Computer Systems, Feature topic iGrid 2005* (October 2006). <http://staff.science.uva.nl/~vdham/research/publications/0510-NetworkDescriptionLanguage.pdf>.
- [2] Jeroen van der Ham, Paola Grosso, and Cees de Laat: *Semantics for Hybrid Networks Using the Network Description Language* (March 2006). Accepted as poster for SuperComputing 2006, <http://staff.science.uva.nl/~vdham/research/publications/0603-NetworkDescriptionLanguage.pdf>.
- [3] Jeroen van der Ham, Paola Grosso, Ronald van der Pol, Andree Toonk, and Cees de Laat: *Using the Network Description Language in Optical Networks*. In *Tenth IFIP/IEEE Symposium on Integrated Network Management* (May 2007). <http://staff.science.uva.nl/~vdham/research/publications/0606-UsingNDLInOpticalNetworks.pdf>.
- [4] Freek Dijkstra, Bert Andree, Karst Koymans, Jeroen van der Ham, and Cees de Laat: *A Multi-Layer Network Model Based on ITU-T G.805. Computer Networks* (June 2007). [http://staff.science.uva.nl/~fdijkstr/publications/G805\\_Multilayer\\_Model.pdf](http://staff.science.uva.nl/~fdijkstr/publications/G805_Multilayer_Model.pdf).
- [5] Jeroen van der Ham, Freek Dijkstra, Paola Grosso, Ronald van der Pol, Andree Toonk, and Cees de Laat: *A Distributed Topology Information System for Optical Networks Based on the Semantic Web. Optical Switching*

- and Networking*, 5(2-3):85–93 (June 2008). <http://www.science.uva.nl/~vdham/research/publications/0703-ApplicationsOfNDL.pdf>.
- [6] Jeroen van der Ham and Gert Jan Verhoog: *Virtual environments for networking experiments*. Technical report, Master System- and Network Engineering (2004). <http://staff.science.uva.nl/~vdham/research/publications/anp-jvdh-gjv.pdf>.
- [7] Paola Grosso, Jeroen van der Ham, Freek Dijkstra, and Cees de Laat: *Semantic Models for Optical Hybrid Networks – Lightpaths Across Domain Boundaries*. In Paul Cunningham and Miriam Cunningham (editors), *Proceedings of eChallenges 2007* (October 2007). <http://www.science.uva.nl/~vdham/research/publications/0710-SemanticModels.pdf>.