

# National Research and Education Networks as engines for innovation in research

*Wednesday, 15 September 2010 09:00 (45 minutes)*

National Research and Education Networks can make a nique contribution to the quality of higher education and research by ensuring that researchers, instructors, and students can work together simply and effectively with the aid of ICT.

In order to link individuals and teams seamlessly together and to give them access to services, data, and tools SURFnet focuses on three areas

- a hybrid end-to-end network as the basis for all collaboration, providing efficient, unlimited data transport;

- a trusted identity offering secure and seamless access to all the electronic materials and facilities that researchers, instructors, and students need;
- a pioneering collaboration environment that reaches beyond existing boundaries and that seamlessly integrates the services and tools provided by a large number of suppliers and institutions.

## Project name if affiliated to a project

Erik-Jan Bos is Chief Technology Officer at SURFnet, since January 2010. He has been at various positions inside SURFnet, since its start more than 23 years ago. As CTO he is heavily involved in the three innovative areas that SURFnet is active in, i.e. the hybrid network, trusted identity, and the collaboration environment, CoIn. Erik-Jan is co-chair of the Technical Working Group of the Global Lambda Integrated Facility, GLIF. Also, in the 7th Framework Programme project "GN3" he is an elected member of the Executive Committee overseeing the execution of GN3 and he is the co-chair of the Supervisory Committee responsible for the architecture of the Future GÉANT Network.

**Presenter:** BOS, Erik-Jan

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